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SCHULTZ'S SEEDS

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SCHULTZ'S
BIG MARVEL PEAS

SCHULTZ'S SEED STORE
304 TENTH STREET N.W.
THROUGH TO 1005 C ST.
WASHINGTON, D.C.

1913

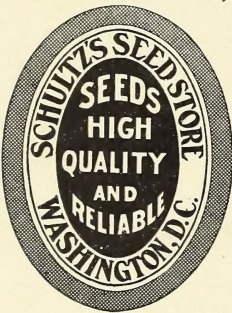
SCHULTZ'S SEED ANNUAL

Over 23 Years' Experience in the
Seed Business

SCHULTZ'S SEEDS are Proved True to Name
and Produce Desired Crops

WASHINGTON, January, 1913.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves.



ORDER EARLY.—It will greatly facilitate shipments if orders are sent in early. We aim to send off all orders the same or next day after receipt, but during the rush season this is impossible—hence the advisability of ordering early.

DISCOUNT. A discount of 5 per cent. is allowed on orders of Vegetable and Flower Seeds amounting to \$1.00 or more, when accompanied by cash. This offer is made to limit our bookkeeping and making of detailed bills. It does not apply to seeds that are charged, nor to anything except Vegetable and Flower Seeds.

REMITTANCES should be made by Post Office Money Order, Drafts on Washington Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

DO NOT FORGET YOUR NAME AND ADDRESS. We frequently receive orders without the name of the sender or with insufficient address. Customers should be particular to give the Full Name, Post Office, County and State, Number of Street or P. O. Box, and the Nearest Express Office.

WE DELIVER FREE IN THE UNITED STATES to any Post Office, Railroad Express Office or Station, at our option all Vegetable and Flower Seeds at the packet, ounce and $\frac{1}{4}$ -pound prices. Purchaser pays transit charges on pints, quarts, pecks, bushels; also Farm Seeds, Bulbs and Plants, except where otherwise stated; Tools, Fertilizers, Insecticides, etc. If pints and quarts of Peas, Beans and Corn are wanted, post or express paid, please remit extra at the rate of 8 cents per pint and 15 cents per quart.

BAGS AND PACKING. No charge for boxes or packing, nor for delivery to Freight Depots or Express Offices. Two Bushel Cotton Bags only we charge for at 25 cents each, and if returned in good condition free of expense, they will be credited as charged.

CHANGES OF RESIDENCE. In order that our Catalogues may be forwarded regularly, we will feel obliged if Customers inform us of any change of residence. To any Customer who may fail to receive a Catalogue at the usual time we will gladly send another copy on receipt of a postal card.

PRICES AND TERMS. The prices quoted are those ruling at this date, and are Subject to Fluctuation Without Notice. Our terms of payment are Net Cash.

QUOTATIONS with samples will be cheerfully given for such variable articles as Grasses and Clover Seeds.

ERRORS. We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

Vegetable Seed Specialties for 1913

BIG MARVEL PEAS

**One of the Largest Podded, and Earliest of
all Wrinkled Extra Earlys**

**THE PEA THAT ALL PROGRESSIVE MARKET GARDENERS
ARE GOING WILD OVER**

The photograph of this grand Pea can be seen, on the front cover of catalogue. Big Marvel Pea, is indeed a grand Pea. Every Gardener who has ever tried this Pea, the past two seasons in small quantities, sings its praise.

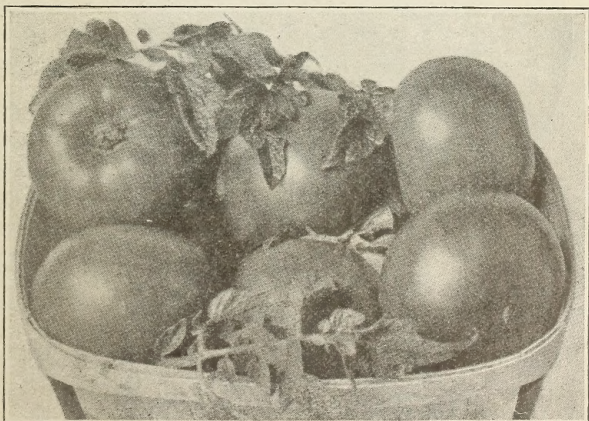
The vines of the Big Marvel are vigorous, growing about 18 to 24 inches high, and require no sticks; with unusually dark green foliage which can be distinguished from that of other Peas one-hundred yards away. The long pods, are rich green in color, often measuring five inches or more, with seven to nine enormous Peas in a pod. The growth of vine is sturdy, and it bears with a profusion that is truly remarkable. It is a wonder in productiveness, and the way the Peas shell out, is astonishing.

Big Marvel Pea, matures as early as the small podded, Extra Early sorts. Its sweetness is noteworthy, and all who plant it will find the Big Marvel one of the most profitable market peas, ever introduced, and there is nothing superior to it for, either the Market Gardener, or for Home Garden. Pkt., 10c.; pint, 25c.; quart, 40c.; peck., \$3; bu., \$12.

"Bonny Best" Early Tomato

**Enormously Prolific, Scarlet Red, Globe-Shaped Fruits, Smooth and Ripening
Evenly Without Cracking**

This new variety is fully ten days earlier than Chalk's Early Jewel, and within two or or three days as early as Earliana. It is a vigorous grower, enormously prolific, with larger foliage than the Earliana, which will protect the fruit from the hot sun, on days when early varieties with less foliage would scald. In shape it is roundish and slightly flattened at the stem end but thicker through than most other tomatoes in its class. In color it is a beautiful scarlet red; setting its fruit in clusters of five or more at close intervals. When ripening each set ripens nearly all at once, and ripens evenly all over up to the stem. Makes a magnificent variety for slicing; its greatest characteristic is its uniformity of size and smoothness in shape. A good early red skin variety for all purposes. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.; 1b., \$3.00.



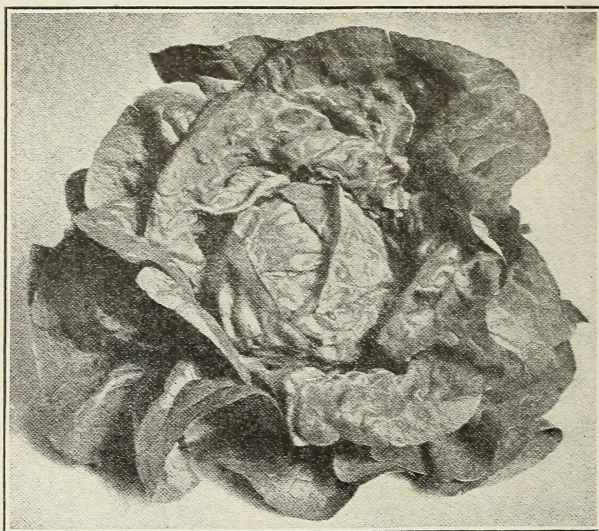
Vegetable Seed Specialties for 1913

New Lettuce,—“Earliest Wayahead”

VERY EARLIEST, SUREST HEADING, FINEST QUALITY

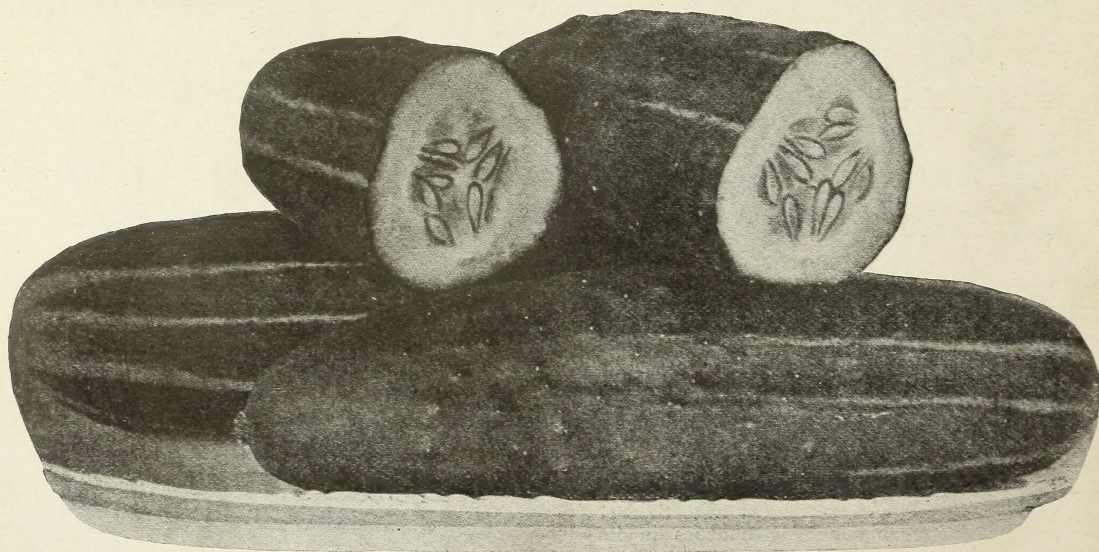
EARLIEST “WAYAHEAD” shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold-frames early in the spring and in the open ground,—in spring, summer and early fall months,—it has proved to be not only the **very earliest** and **surest heading** of all early lettuces we have ever grown, but also of the **very finest quality** at all seasons. Thousands of satisfied planters the world over are most enthusiastic in praise of Earliest “Wayahead” Lettuce!

“WAYAHEAD” is not only earlier than May King, Big Boston, and other choice extra early varieties, but the heads are also **larger** and more tightly folded. The outer leaves are a light green, while all the inner leaves of the head are nicely blanched to a rich butter-yellow tint. Earliest “Wayahead” stands a longer time before running to seed than any other early head variety. Per pkt., 10c.; per oz., 20c.; $\frac{1}{4}$ lb., 60c.; per lb., \$2.00.



New Evergreen Cucumber

Earlier than the Improved Arlington White Spine and a Heavier Cropper. Truckers who Desire an Early Cucumber will Find this New Variety Very Profitable



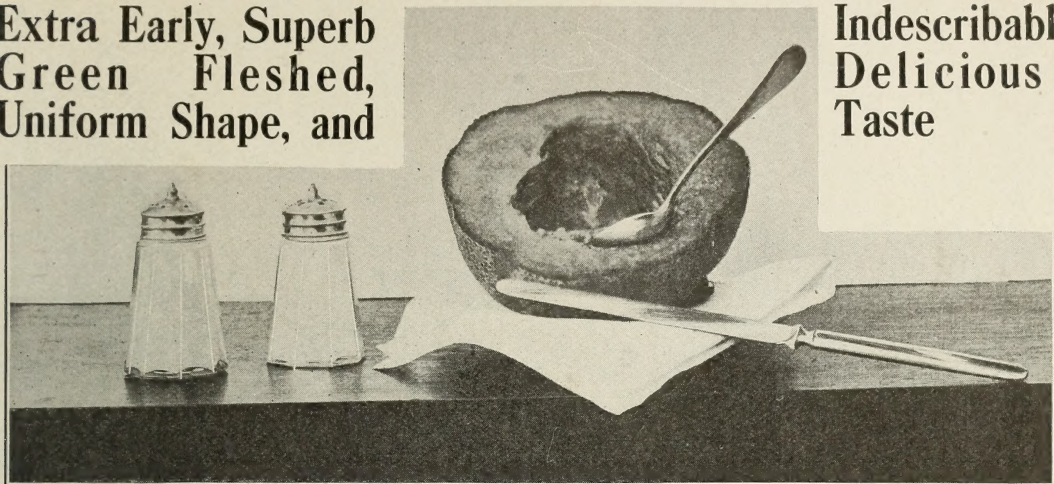
Earlier than the Improved Arlington White Spine and a heavier cropper. Truckers who desire an early Cucumber will find in this new variety a money-maker. It is one of the most vigorous, strong, and robust growers. Fruits are even size, very handsome shape, measuring about 8 to 9 inches in length, and are of a dark green color. The fruits are close to the hill, and are excellent for slicing. Our Southern friends will find it admirably adapted for their wants. This cucumber can be used under glass as well as for growing out of doors. Claimed to cut from thirty to fifty per cent more cucumbers from the vines of this variety than any other. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Vegetable Seed Specialties for 1913

NEW "SWEET AIR" CANTALOUPE

**Extra Early, Superb
Green Fleshed,
Uniform Shape, and**

**Indescribably
Delicious
Taste**

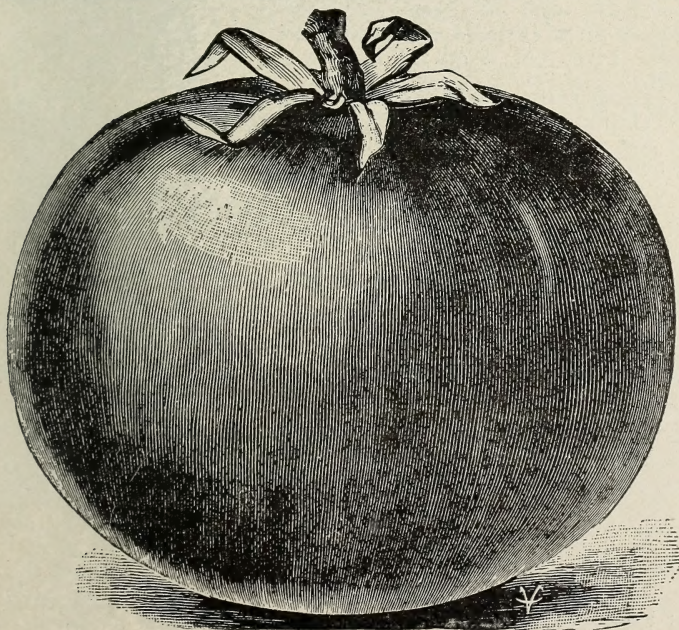


The Test Which Proves Its Merits.

This superb green fleshed Muskmelon has had a wonderful reputation around Norfolk and Baltimore markets, and fully deserves to be known over a wider territory.

They grow very uniform in shape and size, averaging about nine inches in length, from stem to blossom, and six to seven inches in the other direction; handsomely netted, very thick meat, as shown in the photograph above.

Every Melon grower is to be congratulated who plants a crop of this magnificent Melon, as they will be sure to please the grower, the merchant to whom they are sold, and the family for table use. Price, Pkt. 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; pound, \$1.25.



SCHULTZ'S New Splendid Tomato

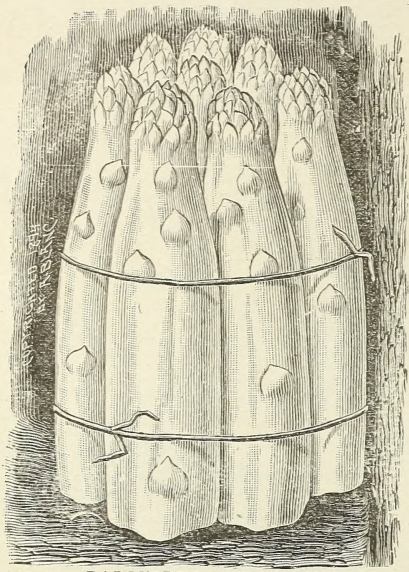
**The Most Valuable Extra
Early Tomato Ever
Introduced**

Introduced in 1906. Has borne out all that was claimed for it. It has proved itself by all odds, the very earliest and most productive and best pink-fruited Tomato in the list. The plants are of close, compact growth, uniformly making "crown-sets," which give the first pickings of ripe Tomatoes. It is enormously productive, continuing to set and develop fruits throughout the season. Especially adapted to slicing, as the flavor is very delicate and agreeable. Price, pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.50.



Schultz's High Quality Vegetable Seeds

With General Directions for Cultivation



PALMETTO ASPARAGUS.

Giant Argenteuil per 100, \$1.00;
per 1,000, \$5.00.

Asparagus Seed *Spargel, Ger.*

One ounce will sow 50 feet of drill; 4 to 5 lbs. to the acre.
CULTURE.—Sow in April or May, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured, and trenched to the depth of 18 inches. On the approach of winter, cover with manure or compost; fork the beds early in spring and apply a dressing of salt or kanit at the rate of 600 lbs. an acre. Cut for use the second year after planting.

Palmetto Asparagus An early, prolific and very desirable variety, the plants producing large, thick, dark green shoots. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Early Giant Argenteuil This variety is largely grown in France for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Columbian Mammoth White A variety which produces immense white stalks of tender and excellent quality. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

ASPARAGUS ROOTS

Extra strong and healthy roots. Two years old. About 2,500 roots are required to plant an acre

Palmetto An early sort; per 100, 75 cts.; per 1,000 \$4.00

Columbian Mammoth White per 100, 75 cts.; per 1,000, \$5.00.

BEANS—Dwarf or Bush—Green Pod *Krup-Bohnen, Ger.*

PRICES SUBJECT TO CHANGE WITHOUT NOTICE. ONE QUART WILL PLANT 100 FEET OF DRILL. If beans are ordered by mail or express prepaid add 10 cents per pint, 15 cents per quart for charges.

CULTURE.—The varieties of this class are tender and will not bear much cold. Plant about the first of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows, 2 feet apart, and the beans 2 inches apart, and 2 inches deep in rows. Keep well hoed and draw the earth up to the stem, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

Improved Extra Early Red Valentine For snaps there is nothing superior to this variety among the green-podded sorts, and many prefer it to the wax varieties. Vine erect, with coarse, dark green leaves. Pods medium length, curved, cylindrical, very fleshy, crisp and tender. I know of no stock of Red Valentines which can be compared with that I offer in uniformly high quality of pod. Price, pkt., 5 cts.; pt., 15 cts.; qt., 20 cts.; gal., 75c.; peck, \$1.25; bushel, \$4.25.

Stringless Green Pod (Burpee's) Positively stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, perfectly round and meaty. Price, pkt., 5 cts.; pt., 15 cts.; qt., 25 cts.; gal., 85 cts.; peck, \$1.35; bushel, \$5.00.

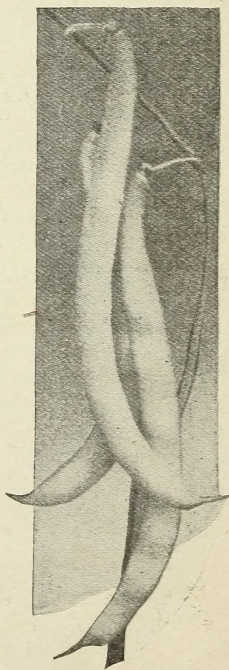
Longfellow A very productive, early, green podded bean. Pods round, about six inches long, medium light green in color; tender, of excellent quality, and quite stringless when young. One of the most attractive market sorts. Pt., 15 cts.; qt., 25 cts.; 4 qts., 75 cts.; bushel, \$4.50.

Henderson's Bountiful An extra-early Green Snap Bean of fine table qualities. It is very hardy, extremely early, very prolific, and bears continually for several weeks. The pods are thick, broad, extra long, very uniform in shape. Desirable both for home use and market. Pkt., 5 cts.; pt., 15 cts.; qt., 25 cts.; pk., \$1.25; bushel, \$4.50.

Black Valentine Beans or King of the Earlies Pods are extremely long, round and straight, and are quite attractive in appearance. Price, pkt., 5 cts.; pt., 15 cts.; qt., 25 cts.; gal., 75 cts.; peck, \$1.25; bush., \$4.50.

Dwarf Horticultural Vine very productive, compact, upright with large leaves. Pods medium length, cylindrical, curved, with splashes of bright red on a yellowish ground. Pkt., 5 cts.; pt., 15 cts.; qt., 25 cts.; gal., 85 cts.; peck, \$1.50; bushel, \$5.00.

Boston Pea Bean (Navy) An excellent variety of very productive habit; for baking they excel all other sorts. Pt., 10 cts.; qt., 15 cts.; gal., 50 cts.; peck, 90 cts.; bushel, \$3.50.



EXTRA EARLY
RED VALENTINE

BEANS—*Continued*

DWARF WAX OR BUTTER VARIETIES

If beans are ordered by mail or express prepaid add 10 cents per pint, 15 cents per quart, for charges



Hodson Wax Beans.

Hodson Wax In growth of vine and foliage this is by far the most vigorous of any dwarf wax podded bean yet introduced, and the yield of large, handsome pods is enormous. Its dense foliage so completely protects the pods that their color is an unusually clear, creamy white. Pods very long, straight or slightly curved, fleshy, quite stringless and of very good quality. Pt., 15c.; qt., 25c.; 4 qts., 85c.; pk., \$1.50; bush., \$5.00.

New Prolific German or Black Wax Very superior to the old strain, being much earlier and more productive. Pods perfectly round, longer and of an even, rich golden color. Pt., 15c.; qt., 25c.; gal., 85c.; pk., \$1.50; bush., \$5.00.

Stringless Refugee Wax This new variety of dwarf Wax Bean is an improved type of the Refugee Wax. The plants are of very robust growth and extremely productive, bearing profusely the large, beautiful pods, which are of delicious flavor. The pods are round, pencil like. The color is a rich

golden yellow and the quality is excellent. Pt., 15c.; qt., 25c.; gal., 85c.; pk., \$1.50; bush., \$5.00.

Wardwell's Improved Kidney Wax One of the best sorts yet introduced. It sells twice as well and at a much higher price than the old well-known Golden Wax, the pods being longer, broader and of a brighter yellow color, much superior in quality, tender and stringless. Pt., 15c.; qt., 30c.; gal., \$1.00; peck, \$1.50; bushel, \$5.50.

New Wax Without exception the earliest Wax Bean. The pods are very meaty, and with so little string that they may justly be called stringless. It is remarkably free from rust and remains a long time without becoming tough. Pt., 15c.; qt., 25c.; gal., 85c.; peck, \$1.50; bushel, \$5.00.

Keeney's Rustless Golden Wax An improvement on the original Golden Wax, and a standard variety for general use. The pods grow long, nearly straight, broad, flat and clear yellow. Pt., 15c.; qt., 25c.; gal., 85c.; peck, \$1.50; bush., \$5.00.

Currie's Rust-Proof Wax It is absolutely rust-proof; the pods grow long, flat, are very tender, and of the finest quality. It is early, productive and a good, all-round Bean; ripens about with the Wardwell's Kidney Wax. Pt., 15c.; qt., 25c.; gal., 85c.; peck, \$1.50; bushel, \$5.00.

1 qt. to 150 hills.

POLE BEANS

Stangen Bohnen, Ger.

CULTURE—These require poles 8 to 10 feet long. The Beans should be planted the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 Beans, about 1 inch deep, around each hole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they overrun the top of the poles to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.

Kentucky Wonder or Old Homestead A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. Pt., 15c.; qt., 25c.; gal., 80c.; peck, \$1.50.

Lazy Wife The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe. Each pod contains 6 to 8 round, white beans, which make excellent winter shell beans. Pt., 15c.; qt., 25c.; gal., 80c.; peck, \$1.50; bushel, \$5.50.

Cherry Pole or Horticultural Pole Bean (cutshort) Vine moderately vigorous, with large, light-colored leaves; pods short, pale green, but becoming streaked with bright red; beans large, ovate, splashed and spotted with wine red and of the highest quality, either green or dry. Pkt., 10c.; pt., 15c.; qt., 25c.; gal., 90c.; peck, \$1.50.

Early Golden Cluster Wax A well known early and very beautiful sort. Vines large, strong growing, vigorous, hardy; pods six to eight inches long, borne in abundant clusters, each containing from three to six pods varying in color from golden yellow to creamy white. Pods broad, thick, and fleshy; of the very best quality, and stay in condition for use a long time. Pkt., 10c.; pt., 20c.; qt., 30c.; 4 qts., \$1.15; peck, \$2.00.



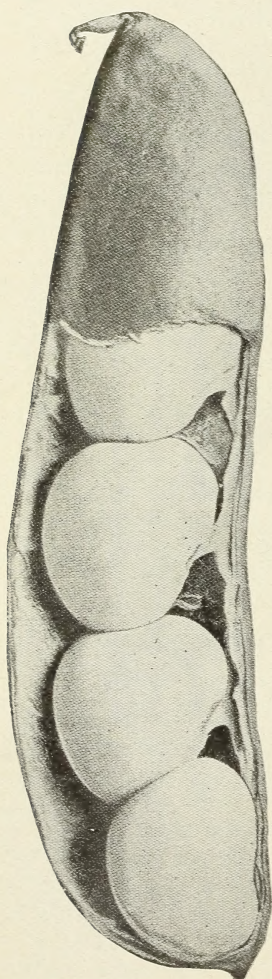
LIMA BEANS—BEST POLE VARIETIES

If beans are ordered by mail or express prepaid, add 10 cents per pint, 15 cents per quart for charges.
One quart will plant 150 hills.

Schultz's Early Market Pole Lima

One Week Earlier Than Any Other Pole Lima, and Two Weeks Earlier Than Most! Of Superior Quality. Immense Size. Wonderfully Productive.

One of the best varieties of Pole Lima for general use. This delicious vegetable is denied many would-be growers on account of the length of season required to mature it, the early frost coming on just as the crop is ready to pick. This sort is at least one week earlier than any large Pole Lima yet offered and fully two weeks earlier than most, consequently it will prove a boon to thousands of growers. Earliness is often obtained at the sacrifice of other valuable features, but in this variety I claim superiority, not only in this respect, but in size of bean and pod and enormous productiveness. It is in fact about perfect and of incalculable value. $\frac{1}{2}$ pt., 10c.; pt., 15c.; qt., 30c.; peck, \$2.00; bushel, \$7.00.



Fordhook Bush Lima Beans

Siebert's Extra Early Lima The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in market nearly one week ahead of ordinary Limas. Pt., 15c.; qt., 25c.; gal., 90c.; pk., \$1.75; bush., \$6.00.

Dreer's Improved Lima A very superior early variety, of excellent quality and great productiveness. This variety is without doubt the best for private gardens. The quality is much better than any other variety, the Beans cooking rich and mealy. Pt., 15c.; qt., 25c.; gal., 90c.; peck, \$1.75; bushel, \$6.00.

King of the Garden Lima A vigorous grower, bearing large pods, varying in length from five to eight inches. The Beans are large and of rich flavor. Pt., 15c.; qt., 25c.; gal., 90c.; peck, \$1.75; bushel, \$6.00.

Ford's Mammoth Podded Lima In mammoth size, great productiveness and fine quality it far surpasses even such varieties as the King of the Garden, and other fine sorts. The pods grow to an average length of eight inches, and are produced in great clusters, with from four to five beans per pod. Ford's Mammoth Podded is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pt., 15c.; qt., 25c.; peck, \$1.75; bush., \$6.00.

Bush Lima Beans Best Varieties FORDHOOK BUSH LIMA BEAN

The Only Stiffly-Erect Bush Form of the Potato Lima. Both Pods and Beans are Twice the Size of the Dreer's Bush Lima.

Fordhook Bush Lima is altogether unique, and has a stiffly-erect habit, branching freely, but with all the branches held upright. It has an ideal bush growth, which is strikingly different from the low spreading growth of the Dreer's Bush Lima. It has foliage like that of the Large Pole Lima.

Fordhook Bush Lima bears tremendous crops; the Beans are ready for use fully three weeks earlier than any other of the pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size; the pods measuring four to five inches in length, containing four to five large Beans. The green Beans, even of full size, juicy and sweet when cooked, resemble the flavor of the finer varieties of the large Flat Lima. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; $\frac{1}{2}$ pk., \$1.25; pk., \$2.25; bushel, \$8.50.

Burpee's Bush Lima The true Bush form of the large Lima Pole Bean. It grows to a height of eighteen to twenty inches, forming a circular bush requiring no poles or stakes, yielding from fifty to one hundred and fifty fine pods, similar to those grown on the Large Lima Bean. Pt., 20c.; qt., 30c.; gal., \$1.00; peck, \$1.75; bushel, \$6.50.

Dreer's Bush Large Lima possesses all the good qualities of the Dreer's Improved Pole Lima, which has long been admitted to be one of the best quality. It is of true bushy habit, growing vigorously about two feet high, showing no disposition to run. It produces pods in great abundance. Pt., 15c.; qt., 30c.; gal., \$1.00; peck, \$1.75; bush., \$6.50.

Henderson's Dwarf Lima The first of the bush form of Limas to be introduced some years since and is enormously productive. Pt., 15c.; qt., 30c.; gal., \$1.00; peck., \$1.75.



BEETS

Galatrube, Ger.

CULTURE.—Sow as early in the spring as the ground can be worked (5 to 6 pounds to the acre) and every two weeks after for a succession up to the first week of July. For general crop, sow about the middle of May. The soil should be light, sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills one foot to fifteen inches apart, and when well up thin from four to six inches. The young beets, with their tops, pulled out of the row, are excellent used as Spinach. For this purpose, sow frequently, and use when size of a hickory nut.

Crosby's Improved Egyptian Beet— (Special Strain.)

Very Early. Smooth Globe Shaped—Dark Blood Red. The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. The stock I offer is of a distinct dark red color, which is very attractive, not only in the beets as pulled, but after they have been cooked. They are also more spherical than the extra early flat Egyptian, and I know of no better quality. One of the best for planting early out of doors. It becomes fit for use sooner than any other variety, and is equally suited for forcing in hot beds or for transplanting. Price, packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Extra Early Eclipse Very early, handsome, smooth, dark, round-shaped Beet. Small top and of excellent table qualities. Makes an attractive seller in market. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Crimson Globe An extremely handsome, early or main crop variety, of medium size, almost globe shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich, bronze purple. The flesh is a rich blood red, slightly zoned, and of the finest quality, always sweet and tender, never stringy. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Detroit Dark Red A blood-red, early turnip-shaped variety. Has small, upright tops; fine round shape. Skin and flesh dark blood-red. Very tender and sweet. Remarkably uniform in growth and a particularly desirable sort for truckers and market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

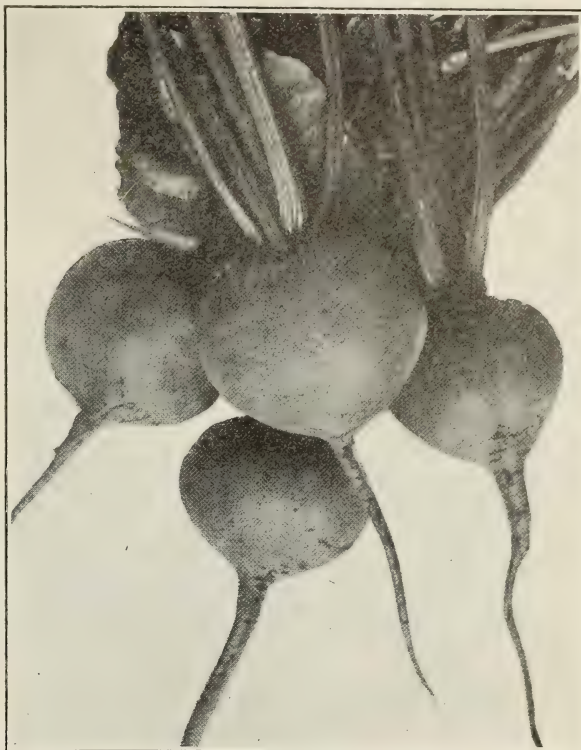
Early Turnip Basanno Top large, leaf stems light red, leaf light green, root large, round, turnip-shaped, flesh pink zoned with white, very sweet and tender when young. An excellent sort to plant for use as greens. Price, packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Bastian's Early Blood Turnip Of quick and large growth, bright red color, not quite so deep a red as blood turnip, but larger in size. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Edmand's Early Blood Turnip Of beautiful round form and good size. Flesh dark red and of finest quality. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Long Smooth Blood An excellent dark-fleshed main crop sort. Very tender and sweet, and remaining so when they are kept until spring. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.

Swiss Chard or Sea Kale Beet The leaf and stems are the parts used, and they are much superior to those of other beets to use as greens. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



Crosby's Egyptian Beet.

SELECTED MANGEL WURZELS

GOLDEN GIANT MANGEL.—The best Yellow Mangel in cultivation. In growing this for seed, we have had specimens weighing 28 lbs., those of 15 lbs. being common. Wonderfully prolific, yielding 1,000 to 2,000 bushels per acre on good soil. Quality high, best and sweetest for milch cows. $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

MAMMOTH LONG RED.—Regular stock. $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.



Selected
American Grown

CABBAGE

One ounce will produce
1,500 plants

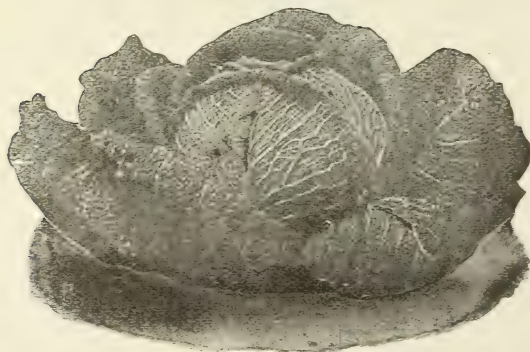
CULTURE—For very early use sow in January or February in hot-beds; prick out when plants are strong enough into other hot-beds; or sow in cold frames in March, transplant to the open ground when danger from killing frost is past, in rows 2 feet apart and 18 inches in row. For succession, sow in open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet part and 2 feet in the row. Cabbage succeeds best in a fresh rich soil, well-manured and deeply dug or plowed. The late plants are subject to the attacks of the cabbage fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood ashes, air-slaked lime, plaster, slug-shot, or tobacco dust early in the morning while the plants are wet with dew.

If there is one thing more than another in the vegetable world that should have the greatest possible care in the growing of the seed crops, it is Cabbage. Of late years many gardeners and truckers have depended on this crop almost entirely; and, realizing this fact, I am making a great specialty of the varieties I offer. My Cabbage Seeds are grown by an old cabbage grower on Long Island, New York, who has had many years experience in this special work.

In short, my Cabbage Seed is the very best that can be grown, raised only from the center shoot, and are from carefully selected heads. There are none more reliable and none that can be more implicitly depended upon.



Selected Early Jersey Wakefield Cabbage.



American Perfection Drumhead Savoy.

Selected Early Jersey Wakefield

Thorough grown stock, pronounced by our leading truckers and market gardeners as the best stock of Early Wakefield Cabbage on the market.

The most popular and largely grown variety for fall and early spring planting. It has pyramidal heads with blunt peaks is solid, uniform and compact growing. Has small outside foliage and can be planted closer together than the larger varieties. My seed is specially grown for me by one of the most successful Long Island growers, and has no superior for quality or earliness. Packet, 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

The Charleston or Large Wakefield

Large, solid heads of good quality; a few days later than Early Jersey Wakefield; specially recommended for market gardeners, producing fully twice as much per acre as the early variety. The strain I offer is very fine and cannot fail to give satisfaction, as it combines all the good qualities of an early, long-keeping Cabbage. Packet, 5c.; oz., 20c., ¼ lb., 50c.; lb., \$1.50.

Large York A good, early-breeding, robust sort. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

Express Extremely early; small, solid heads. Packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

American Perfection Drum-head Savoy

The Savoy Cabbages are very tender and of fine flavor, very much superior in this respect to the ordinary late fall and winter Cabbage. Should be much more largely grown, both for home use and market. The strain of American Drumhead Savoy which I offer makes large-sized heads of most superior quality; truckers and private gardeners alike will find it an excellent variety. Pkts., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Mammoth Red Dutch By far the best, largest and hardiest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, round, very solid, and of deep red color inside as well as outside. Packet, 5c. and 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



CABBAGE

SECOND EARLY VARIETIES

NEW EARLY CABBAGE Has proved to be the best Early Flat Head Cabbage. Sure Header. About ten days later than the Wakefield, but being fully double the size; it may be classed as decidedly the best Early Cabbage, and is deservedly popular with market gardeners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open than any variety I know of, and if any cabbage is worm-proof, this one surely is. Price, packet, 5c. and 10c.; oz., 20c.; 2 ozs., 35c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early Drumhead A second early large, round, solid-heading variety. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Early Dwarf Flat Dutch One of the most popular and reliable of the medium early varieties. Makes large, flattish-shaped, solid heads. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Surehead For a sure header this has proved one of the best of middle-crop Cabbages. Grows very large and solid and will be found a fine sort. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Henderson's Improved Early Summer

A second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with outer leaves. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Succession A good second early round-headed sort, heads very evenly and comes in a few days after the Early Summer and makes a large head. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



New Early Cabbage.

All Head Early The largest heading of the second early sorts, and of excellent quality. The deep, flat heads are remarkably solid, and very uniform in size, can be planted as close as the Wakefield. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Selected All Seasons An early Drumhead Cabbage, yielding heads of the largest size. Very desirable. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Danish Round Head Cabbage



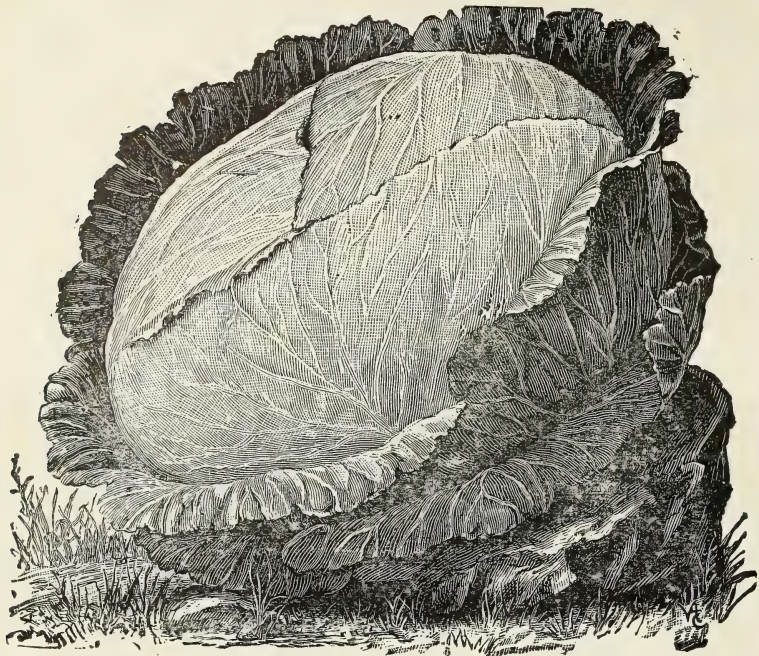
**Hard as a Rock—Heavy as Lead
Greatest Weight in Smallest Space.
Short Stemmed.**

GENUINE DANISH ROUND HEAD Seed grown by the originator in Denmark.

An extremely hardy imported Cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra-large, and are without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best Cabbage to raise where it is sold per ton or by weight, as its solidity is not equaled by any other Cabbage in the list. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



CABBAGE—Late or Autumn Sorts



Extra Large Flat Dutch Cabbage.

NEW VOLGA Its uniform heads, short stems and very little foliage are its best recommendations for the market gardener. It is excellent for medium early or late Fall use. Excellent keeper. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Extra Large Late Flat Dutch Pronounced by experienced Cabbage growers, the finest strain of Late Flat Dutch Cabbage in the World. It grows very large, and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.

Lupton A fine winter variety of excellent quality. The heads are very dark green and stem is short. Reliable header. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.

Premium Flat Dutch

The heads are large and solid—round in shape. Excellent keeper. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CAULIFLOWER

Blumenkohl, Ger.

CULTURE—Sow the seed in a hot-bed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hot-beds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, $2\frac{1}{2}$ feet apart each way. Keep them well hoed and bring earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter cabbage.

Henderson's Snowball Cauliflower

Is Beyond Question The Best for Either Early or Late. For Family or Market Garden. For Forcing or Cold Frames.

It Heads Where Others Fail

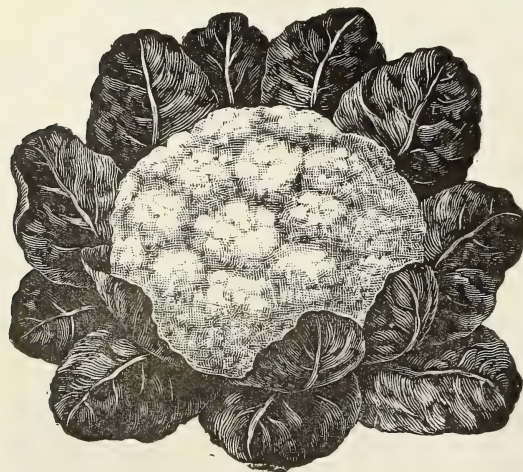
Henderson's Snowball Cauliflower

is superior to all others. It is the earliest of all Cauliflowers. For forcing under glass during winter and spring Henderson's Snowball is peculiarly adapted.

I am in a position to supply the most critical market gardener with seed which can be depended upon as the very best. Price, packet, 25c.; $\frac{1}{2}$ oz., \$1.00; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

Dry Weather Cauliflower During some seasons, after a very late spring, hot weather comes on very quickly. In such a year this variety has proven itself of exceptional merit. Very sure heading and second early. Heads larger than Snowball and snow white. Our seed is A1, and procured from the original grower in Denmark. Pkt., 25c.; $\frac{1}{4}$ oz., 50c.; $\frac{1}{2}$ oz., \$1.00; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

Early Favorite This is very early, exceedingly hardy, easily grown, and perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. Packet, 5c.; oz., 75c.; 2 ozs., \$1.25; $\frac{1}{4}$ lb., \$2.00.



Henderson's Early Snowball Cauliflower.



CARROT

Mohren, Ger.

One ounce will sow 100 feet of drill; 3 to 4 pounds for acre.

My stock of Carrots is the very best; far superior to the cheap California seed, which produces large tops and rougher roots than my selected French-grown seed. Market gardeners particularly desiring roots of even form and color for bunching will be well pleased with the stocks grown from my seed.

CULTURE—Carrots do best in a light, rich, loamy, deeply worked soil. Sow in drills 12 inches apart and $\frac{1}{2}$ inch deep, and afterwards thin out to 3 to 6 inches apart. Fertilize liberally with well-rotted stable manure and a rapidly available potash fertilizer. The early varieties should be sown as early in the spring as the ground can be worked, and the later sorts from the middle of March until June. In dry weather soak the seed before sowing. To keep for winter use for table, horses or cattle, pack the roots in moderately dry earth or sand in the cellar; or they can be pitted out of doors and covered with a few inches of straw and 6 or 8 inches of earth to keep out the frost.

I have exercised the greatest possible care in selecting the best varieties of Carrots, and the careful manner in which the seed has been saved will insure my customers purity of strain and the most satisfactory results from sowing my Carrot seed.

Early Scarlet Horn Early and popular; fine for the private and market garden. Grows about 4 inches long. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Ox-Heart, or Guerande It is intermediate as to length between the half-long varieties (such as Danvers) and the Short Horn Carrot, but much thicker than the latter, attaining at the top from 3 to 4 inches in diameter. It is a very fine quality for the table. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Improved Danvers, half-long My pure selected stock of this valuable variety is preferred by many gardeners to any other sort. The top is small, color of a rich shade of orange, shape very handsome and smooth, quality the very best. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Early Chantenay The Carrots grow about 6 inches long, are stump rooted, very smooth, deep red, fine-grained, sweet and sugary. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Rubicon Half-Long The finest bunch Carrot in existence today. This is an entirely new and distinct American strain, finely shaped and of beautiful deep orange color. It grows without neck, and is hollow crowned. It is excellent for growing under glass or outside at any season of the year. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Pride of the Market The highest colored and most beautiful yielder of all Carrots; are smooth, straight and free from roughness; it is early; without core; very tender and sweet. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Improved Long Orange A well-known sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange. It is a good keeper, and extensively grown for stock feeding. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.



Danver's Half Long Carrots

Celeriac or Turnip-Rooted Celery

CULTURE.—Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist, rich soil in rows two feet apart and six inches apart in the rows. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or handle it. After the roots have attained a diameter of two inches or over, they are fit for use.

Giant Smooth Prague The best of the Turnip-rooted Celeries; large and smooth roots; excellent keeper. Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad. Packet, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



Large, Smooth Prague Celeriac



1 oz. to 3,000 plants.

CELERY

Sellerie, Ger.

CULTURE—Sow in March or beginning of April in drills 8 or 10 inches apart, in a bed of fine, rich soil, covering to a depth of one-fourth of an inch. If the soil is dry, press the earth with back of spade or roller after covering, and keep clear of weeds, or the young plants will be smothered out. Transplant from July to September. September plantings succeed excellently, and require less labor than setting out earlier. To prepare a bed for Celery, throw out the earth to a depth of 6 inches, 4 or 5 feet wide, and put in 3 or 4 inches of well-rotted manure, dig in well and cover with fine soil. Set the plants 6 to 8 inches apart, in rows 1 foot apart, press the soil firmly to the roots, and when the plants are large enough, earthing up can be commenced. The plants will need to be earthed up two or three times, and in doing this care should be taken not to let the earth get into the heart of the plant. When severe cold weather comes on, cover gradually with leaves, hay or straw, and place boards on top; waterproof felt paper is also used. In such a bed the stalks will blanch perfectly, and may be taken out during the winter for sale or use, as required. In field culture, when the celery is to be earthed up in the field for early use, the plants are set on the surface, in rows 2 feet apart, and the plants set 6 inches apart in the row; or, if the plants are to be taken up and blanched in the cellar for winter use, they may be set in rows as close as 2 feet apart. Celery requires frequent cultivation, and the earth drawn up to the plants as rapidly as it makes growth. Celeric, or Turnip-rooted Celery, needs no earthing up, and may be planted in rows 18 inches apart.

GOLDEN SELF-BLANCHING CELERY SUPERIOR STOCK FRENCH GROWN.



Selected Strain French-Grown Golden Self-Blanching Celery.

Originator's stock. French-grown seed. A vigorous-growing and handsome variety, decidedly better in quality than the White Plume, and is larger in size. It is of compact growth, with a large, solid heart, and thick-ribbed stalks which blanch easily. It is crisp and solid, free from stringiness, and of most delicious flavor. Color beautiful golden yellow, both stalks and leaves. Largely used by our southern truckers and gardeners. My strain of this variety is unsurpassed. Packet, 5 and 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.75; lb., \$10.00.

Giant Pascal One of the most popular Celeries in my list. Easily blanched; a fine keeping sort, of excellent flavor. Has large, thick, solid stalks, beautiful golden heart, and blanches quickly. Of splendid keeping qualities, and is one of the best for winter use. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Improved White Plume This matures earlier than any other Celery, being entirely white or light foliage which requires little earthing up to blanch. It is handsome in appearance and of good quality, but as it is not a very good keeper should be planted only for early use. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Golden Heart, or Golden Dwarf

A standard sort of excellent flavor. Later than the self-blanching varieties, but will keep better. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Winter Queen Grows very thick, solid, and heavy stalk, and has a large heart. It is a close compact grower, and when blanched is a creamy white color. Packet, 5 and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Schumacher Beautiful golden heart and of fine flavor. This variety is grown largely by market gardeners. Packets, 5 and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Perfection Heartwell This is one of the best varieties in cultivation; stalks long and thick, very compact, crisp and of fine flavor. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Giant Golden Heart Stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

New Victory A fine, new, late green Celery. Superior to the Winter Queen for growing in this section. The plants make extra large bunches of broad, solid stalks, which blanch readily to a pearly white, and are exceedingly crisp, brittle, and of the finest flavor. A fine keeper and desirable for late winter and spring use. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

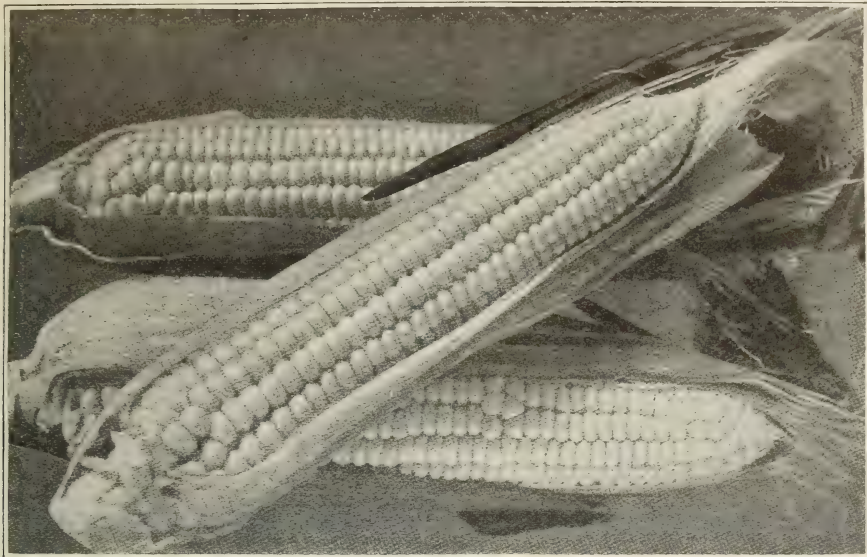


Sweet or Sugar Corn

Weschkorn.
Ger.

One quart will plant 200 hills, eight quarts for an acre.
If corn is wanted by mail or express prepaid, add 8 cents per pint,
15 cents per quart, for charges.

CULTURE—A rich, warm soil is best, but excellent sweet corn can be raised on any good, ordinary soil if it is deeply and thoroughly worked before planting. In this vicinity Sweet Corn should be planted as early as can be done without risking loss from frosts or from rotting of the seed in the soil. Plant in hills 3 feet apart each way, covering about half an inch, and thin out to two plants to a hill.



New Snow White Evergreen Sugar Corn

NEW SNOW WHITE EVERGREEN CORN

Pearly Whiteness and Sweeter Than Any Sugar Corn Grown

This is without doubt the most valuable Sugar Corn introduced for many years past. It is white as chalk—very pure and clear. All the large ears are filled with very deep thin grains of pearly whiteness and sweeter than any Sugar Corn grown. The stalks are of strong, vigorous growth, six to seven feet high. All the good points of the famous Stowell's Evergreen are retained and intensified in this superb variety. Price, pt., 15c.; qt., 25c.; gal., 75c.; pk., \$1.00; bu., \$3.50; ear, 5c.; per dozen, 50c.

Golden Bantam A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are eight-rowed six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been very carefully selected. Pt., 15c.; qt., 25c.; gal., 75c.; peck, \$1.35.

Stabler's Early Of larger size than usual for the early grades. Fine flavor. Ear, 5c.; per dozen, 40c.

New Early Evergreen It ripens eight to ten days in advance of Stowell's Evergreen. The kernels are sweet and tender. Price, pt., 10c.; qt., 20c.; gal., 60c.; peck, \$1.00; ear, 5c.; per dozen, 50c.

Kendel's Early Giant A variety with ten or more rows of large grains of rich, sugary flavor. Pt., 10c.; qt., 20c.; peck, \$1.00; ear, 5c.; dozen, 40c.

Premo An early variety of unusual merit. Pt., 10c.; qt., 20c.; gal., 65c.; peck, \$1.00; bushel, \$3.50.

Black Mexican A black-grained variety, sweet and tender; must be picked young to avoid a black appearance when cooked. Pt., 15c.; qt., 20c.; ½ peck, 65c.; peck, \$1.00.

Crosby's Early Early. Rather medium ears but productive and of excellent quality. Ear, 5c.; per dozen, 40c.

Early Champion This variety is very sweet, yielding from two to three ears on each stalk. Ear, 5c.; per dozen, 40c.

Early Mammoth A valuable variety, at least ten days earlier than the Mammoth. Ears twelve rowed, straight and handsome. It is remarkable for its delicious sweetness. Pt., 15c.; qt., 25c.; gal., 65c.; peck, \$1.00; bushel, \$3.50.

Eight-Rowed Sugar The grains are pure white and are very sweet and tender. Ready for use in sixty to seventy days after planting. Ear, 5c.; per dozen, 40c.



SWEET OR SUGAR CORN—*Continued*

Country Gentleman One of the most delicious and sweetest of all the sweet corns. A main crop variety. It is extremely productive. The small, irregular kernels are very deep and pure white in color. Ears average nine inches in length. My seed stock has been especially selected for sweetness and quality. Pt., 15c.; qt., 25c.; gal., 65c.; peck, \$1.00; bushel, \$3.50; ear, 5c.; per dozen, 50c.

Stowell's Evergreen The most popular of all Sweet Corn varieties. Large, fine flavored; ears borne in abundance, with deep kernels, white in color. Main crop sort. To supply the right seed of this favorite has been my careful effort. Seed sown near the Eastern Atlantic Coast has always shown by its flavor and shriveled, ripened kernels the highest percentage of sugar known. Long and deep kernels are also a characteristic of selected seed of Stowell's. I invite comparison of the stock I offer with that offered by lower-priced houses. Pt., 10c.; qt., 20c.; gal., 60c.; peck, 90c.; bushel, \$3.25; ear, 5c.; per dozen, 50c.

Large Late Mammoth The largest late variety grown; very productive and fine flavored, tender and delicious. Price, same as for Stowell's Evergreen.

Rice Pop Corn A very handsome and prolific variety. Ears short; kernels long, pointed and resembles rice; color white. Per lb., 10c.; 3 lbs., 25c.; 25 lbs., \$1.50.

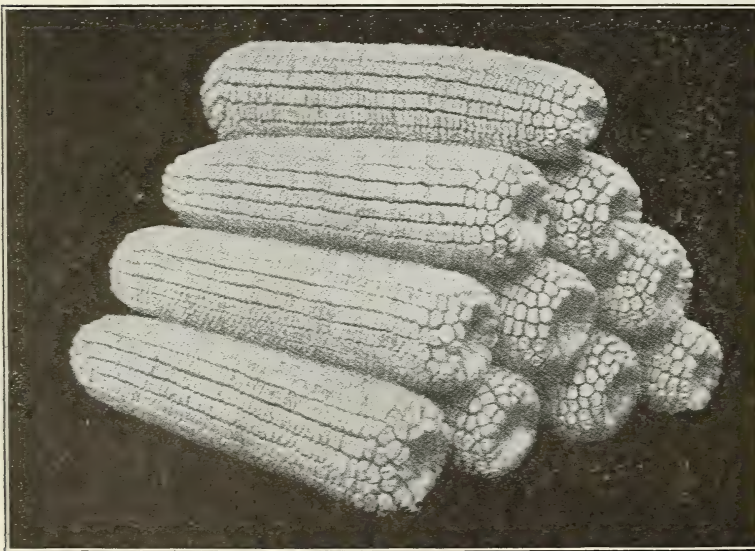
Adam's Extra Early It can be planted earlier than any other but is not a sweet corn; short ear. Pt., 10c.; qt., 15c.; gal., 40c.; peck, 65c.; bushel, \$2.50; ear, 5c.; per dozen, 25c.; 100 ears, \$2.00.

Early Adams An excellent, early variety and often used for table. Ears about eight inches long. Price, same as for Adam's Extra Early.

Schultz's Tested Field Corn

All our Field Corn is "Tipped" and "Butted" and selected on the ear before being shelled.

Attention is more and more being given to the careful selection of Seed Corn, and the very much larger yields that can be obtained by care and selection of the seed and in proper culture and tillage, greatly increased results can be obtained. The interest in improved Seed Corn is attested by the various prize Corn Contests over the country, and these should be encouraged in every way. The varieties listed here are carefully grown for Seed and will be found first-class in every respect; all carefully tested for germination before sending out.



Thorough-Bred Yellow Dent.

Deep Grained, Small Cob; Very Heavy Crop-
per. If any seed grain can truly be called pedigreed, the Thoroughbred Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred-up and selected with painstaking care to what is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright-yellow color, with solid deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the

butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Price, peck, 65c.; bushel, \$2.00.

Boone County White. Highly Bred White Corn, Big Ear, Long Grain, Heavy Fodder Growth. Is a highly bred white Corn, extra large ear, contains a high percentage of protein, maturing about medium. The ears range from 8 to 12 inches long, 7½ to 8 inches in circumference, with 18 to 24 rows of Corn, with from 1,000 to 1,200 grains to the ear, and averaging in weight from 12 to 18 ounces. The cob is medium to large, pure white, both butts and tips are remarkably well filled, grains are very deep, fine large germ and the greatest yielding corn in existence. Price, peck, 65c.; bush., \$2.00.

Hickory King Small Cob, Broad Grain, 8 Rowed, True Stock.—Smallest cob and the largest grained white corn in cultivation. Ripens in 100 to 120 days. It husks and shells easily and produces much fodder. Price, peck, 65c.; bushel, \$2.00.

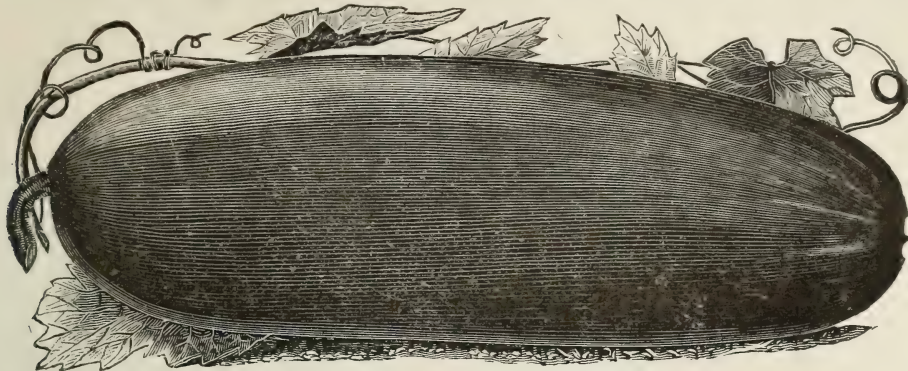


CUCUMBER

Gurken, Ger.

One Ounce will plant 50 hills; 2 pounds will plant one acre.

CULTURE—For very early Cucumbers, sow April 1st in a hot-bed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protected by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen it destroys their productiveness. For pickles, plant from June until the middle part of July.



Arlington White Spine Cucumber.

New Evergreen Cucumber

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c. For full description see Specialties, page 2.

Klondike

A medium early, white spined Cucumber of handsome, very dark green color and of excellent quality for slicing. The vines are very hardy and productive. The fruits when mature are about eight inches long, and are uniform in size and shape. Color dark green, slightly striped at the ends. The dark green color is retained much longer and is affected less by the hot sun than any other sort with which we are familiar. Its uniform size and shape, and splendid color is making this variety very popular as a shipping sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Arlington White Spine

This is, without exception, the most profitable Cucumber for truckers and is unsurpassed for the amateur. It is beyond question the earliest, most shapely and productive variety of this type; of a green color throughout its entire length, very straight and symmetrical. The quality is fine. Another strong point of merit is its shipping qualities; it seems to hold its color and brittleness long after being cut. It needs no recommendation where known, and a trial order will convince you of the truth of this statement. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

The Davis Perfect Cucumber

An excellent Cucumber for both outdoor use and forcing. It is a carefully selected strain of the extra long White Spine type, made by a veteran outdoor and greenhouse grower of Cucumbers. Its valuable points are length, slimmness and its dark green color. It is a very vigorous sort, and resists blight longer than most long sorts. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Improved Long Green

Selected Stock. One of the best for slicing and pickles. A selection from the Long Green. The vines are very vigorous and productive. The fruit, which is about 12 inches long, is formed almost as early as the short sorts. They are firm, crisp, and of fine flavor. Those desiring a long, dark green Cucumber will find this strain unsurpassed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Improved Jersey Pickle

This famous sort makes splendid vinegar pickles on account of its color, making what picklemen call "light" pickle. It is more prolific than White Spine. New land, turned-over pasture, makes the nicest pickle. I have extra selected seed. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Small Gherkin

A very small, oval, prickly variety, quite distinct from all others and grown exclusively for Pickles. The seed is slow to germinate, requiring usually from two to three weeks. Price, packet, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Large German Corn Salad

Stecksalat, Ger. [Fetticus.]

CULTURE—Sow in spring in drills 1 foot apart; it will mature in six to eight weeks. For winter and early spring use, sow in drills in August and September.

This small salad is used during the winter and spring months as a substitute for Lettuce, and is also cooked and used like Spinach. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.



Large German Corn Salad.



EGG PLANT

Eierpflanz, Ger.

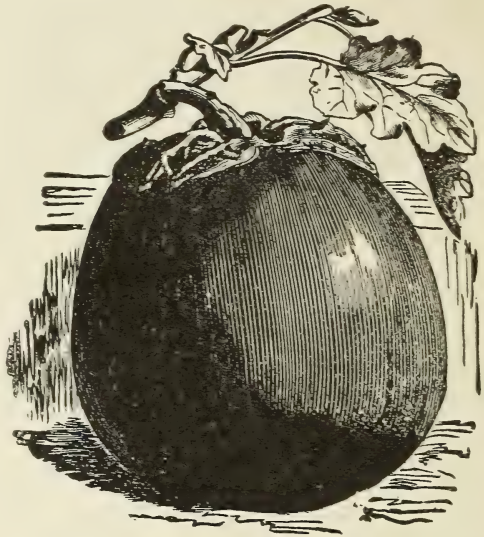
One ounce will produce about one thousand plants.

CULTURE—Sow the seeds in hot-beds early in March. When three inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed, to make them strong, until the weather is warm enough to transplant about three feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong, uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore, repeated sowings are sometimes necessary.

Florida High Bush Has proved a money-maker to Southern growers. It resists drought and wet weather to a wonderful degree; very vigorous and productive, bearing very profusely its large purple fruits of fine shape and quality. An excellent shipper, commission men reporting that they reach market in the best condition and always command high prices. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

"Black Beauty" From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, and of the finest flavor. The skin is rich, lustrous, purplish black. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color at the blossom end. The calyx is entirely free from thorns. The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost. Packet, 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

New York Improved Purple The leading market variety. Plants of vigorous growth and very productive. Fruits of large size, with smooth, glossy, deep purple skin. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.



CRESS

Garten und Brunnen Kresse, Ger.

CULTURE—Sow thickly in shallow drills, early in the spring, and at intervals throughout the season, for a succession, as it soon runs to seed. Watercress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Curled, or Peppergrass This small Salad is much used with Lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

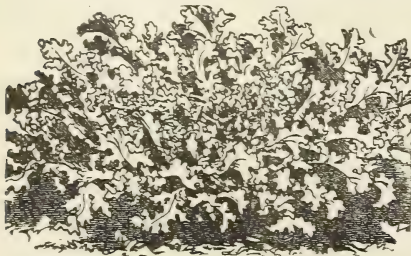
True Water It is one of the most delicious of small Salads and should be planted where its roots and stems will submerge in water. Packet, 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

ENDIVE

Endivien, Ger.

One ounce of seed to 150 feet of row

CULTURE—Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.



GREEN CURLED SELF-BLANCHING ENDIVE.

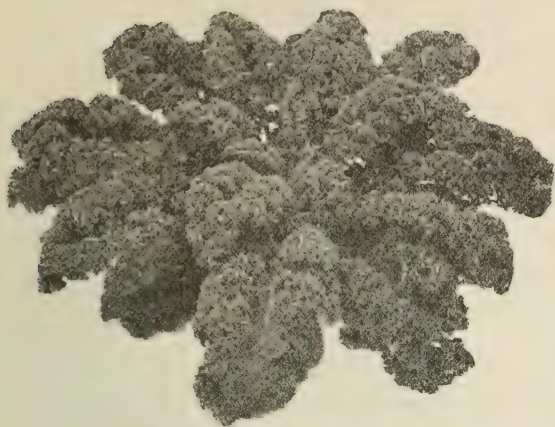
Green Curled Endive A large, strong-growing Endive, which by tying up can be made to form finely blanched centers of good quality. Outer leaves bright deep green. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Broad Leaved Batavian (Escarolle) This variety has thick, plain broad leaves, slightly wrinkled, forming a large head, and is desirable for stews and soups. Gather the leaves and tie at top; the inner ones will blanch and can be used for salad. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



KALE

Blatter Kohl, Ger.



Schultz's Improved Imperial Curled Kale.

CULTURE.—Kales are very hardy and make excellent greens for Spring, Fall and Winter. The quality is improved, rather than injured by frost if not too heavy. It is better not to cut nor handle the plants while frozen, but if this is unavoidable, thaw them out in cold water. For Spring use, sow in March, or early in April, for Fall and Winter use, sow in June, July and August.

Schultz's Improved Imperial Curled Kale

A beautifully curled and crumpled sort, of strong, vigorous habit. The leaves are a beautiful dark-green color, and delicate in flavor. A striking feature in this Kale is that it will stand longer before going to seed than any other. In the latitude of Washington it will stand throughout the winter without protection. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 35c.

Dwarf Green Curled Scotch or Norfolk

Plants dwarf and compact, but with large, bright-green leaves, curled, cut and crimped, until the whole plant resembles a bunch of moss. It would be well worthy of cultivation simply for its beauty. One of the best sorts in use. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Curled Long Standing A very hardy variety, very popular with the market gardeners. Is much improved by moderate frost. Price, Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

German Curled or Siberian Extensively grown and well known. Of strong, vigorous habit, perfectly hardy; dark green color, and very attractive appearance. Pkts., 5c.; $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 25c.

Tall Green Curled Scotch Very hardy and not injured by a moderate frost. About 30 inches tall, with many dark green leaves, exceedingly curled. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

BORE COLE, OR KALE

The most salable, delicious and tender of all winter Kales. It is taller than the extra dwarf varieties and when the leaves are stripped, or fall off, new tender leaves are grown out. Then they are again grown out and used for marketing. It will stand the coldest winter. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

HERBS

Aromatic, Medicinal and Pot.

Thyme This herb is perennial. The young leaves and tops are used for soups, dressings and sauce. Sow as early as the ground will permit. Pkts., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Sage A perennial plant, perhaps more widely known than any other herbs in its medicinal and culinary uses. Sow early in the spring in drills 16 inches apart. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Marjoram, Sweet Used in soups, broths, dressings, etc. Sow in drills as early as possible and thin the plants to 10 inches apart. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

Dill An annual, cultivated for its seed, which has an aromatic odor and a warm, pungent taste. Sow early in spring and keep clear of weeds. Pkts., 5c. and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Basil, Sweet The seeds and tops are used for flavoring soups and sauces, and have a strong flavor of cloves. Sow early in the spring in drills 18 inches apart and 6 inches apart in the row; when 3 inches high, thin to 1 foot apart. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Lavender Cultivated for its fragrant flowers, which are used for the distillation of Lavender Water, or are dried and used to perfume linen. Sow in drills 2 feet apart and thin the plants to 2 feet in the row. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Summer Savory A hardy annual, the dried stems, leaves and flowers of which are extensively used for flavoring dressings and soups. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Turnip Rooted
Cabbage

KOHL RABI Kohl Rabi, Ger.

1 ounce of seed will sow a drill of about 150 feet.

CULTURE.—An intermediate vegetable between the Cabbage and Turnip. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is hardy, withstands severe drought and a good keeper. Sow in spring in rows 18 inches apart and thin out to stand 10 inches in row. In hoeing be careful not to throw the earth into the heart of the plant.

Early White Vienna Extremely early, with distinctly small top. Bulbs of medium size, white, handsome and of best quality. Packet, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



Kohl Rabi



One ounce to sow a drill
of 100 feet.

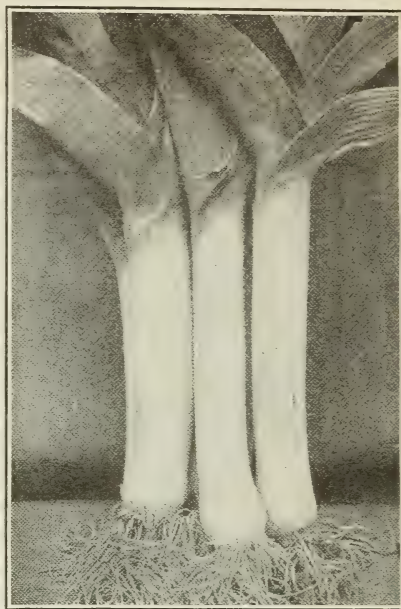
LEEK

Lauch, Ger.

CULTURE—Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seeds may also be sown in August or September; plants transplanted in the spring.

Extra Large Leek, or Giant Carentan

The largest variety, often 3 inches in diameter, and becoming very white and tender. A hardy and desirable sort. Packet, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



MUSTARD

White London Leaves comparatively smooth and deeply cut; color medium dark green. The plant is upright in growth, inclined to branch as it approaches early maturity and soon bolts to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Southern Giant Curled Leaves light green, frilled and much crimped at edge. Highly esteemed in the South for its vigorous growth and good quality. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Giant Carentan Leek.

One ounce will produce about 3,000 plants.

LETTUCE

Lattich, Ger.

CULTURE—Sow the seed in hotbeds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

New Earliest Wayahead—See specialties. Full description, page 2.

Schultz's New Lettuce "All Heart" A very superior variety of cabbage Lettuce, appropriately named on account of the beautiful, hard head it makes. It is adapted to both spring and fall use. Forms large heads, leaves closely set, with extremely solid heart, even before it is half grown. The color is a beautiful light green and the flavor is excellent, being rich and buttery. This is the very best Lettuce for the market-gardener, because they are a very solid heading sort, weight from 12 to 16 ounces. In fact the plant is **All Heart**, and carries to market in perfect condition. We would suggest that every gardener give this variety a fair trial, as it will not only give pleasure to those who plant it, but will prove a money maker as well. Price, pkts., 5c. and 10c.; oz., 20c.; 2 ozs., 30c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Henderson's Tender Heart A grand, new, large, early head Lettuce. Every plant uniformly perfect, about 10 inches across, and nearly all head with but few outside leaves. The large round heads are compactly formed of waxey-cream colored heart leaves of splendid substance and of extra fine quality, tender, crisp, succulent and sweet; attractive and appetizing when served. Tenderheart is not only a very early and hardy Lettuce, but it stands early summer heat splendidly, and does not bolt to seed for two weeks after it is fully headed up. Color of the outside leaves pale green, slightly tinged reddish-brown. Price, pkts., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

White Summer Cabbage

*Heads firm, bright green, with thick, tender leaves, the inner ones blanched a beautiful creamy yellow. Packet, 5c.; oz., 10c.; 2 ozs., 20c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Black Seed Summer Lettuce

A very superior variety of summer heading Lettuce. It is adapted to both spring and summer use, as it withstands intense heat without going to seed. It forms a large, deep, bright green, solid head; its leaves are very tender and slightly crumpled. The flavor is excellent, being rich and buttery. Packets, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.





LETTUCE

Tennis Ball or White Forcing A decidedly butter variety, strictly cabbage heading; small, very early. Head globular, very firm, with leaves closely overlapping one another. Color medium green, never spotted nor brownish in any part. Fine quality, sweet and buttery. A most valuable sort for the Market Gardener for growing in hot-beds or green houses. Price, pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Grand Rapid Forcing There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Packet, 5c. and 10c.; oz., 15c.; 4 ozs., 40c.; lb., \$1.25.



Early May King An early outdoor Lettuce; while it can also be easily and most satisfactorily raised in a cold-frame. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid globular heads, which are ready ten to fifteen days before other heading varieties, and stands a long time before showing signs of running to seed. The leaves inside are of a golden yellow shade; and in point of flavor unexcelled by any sort. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Maximum, or Immensity A very large heading variety, one of the largest of the cabbage sorts and almost a third larger than California Cream Butter, which it resembles in color and shape. It is especially adapted for planting in the spring and summer, and makes a fine, tender, buttery head. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Large White Loaf A large heading lettuce, with a light green color; crisp and tender; unsurpassed for outdoor planting in the fall to stand over winter, and equally good for cold frame culture. We do not recommend it for early spring sowing, as it has a tendency to shoot to seed when the weather becomes warm. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Henderson's Big Boston A fine, large-heading forcing sort, and succeeds well in cold-frames during the winter. The plants are very hardy and vigorous. Popular in the South as a winter Lettuce for shipping North. Pkt., 5c. and 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Golden Queen A fine early head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow. The heads are so solid that there is no waste whatever. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Hubbard Market A popular variety for outdoor growing. Makes large, solid heads. Stands cold weather. Pkts., 5c and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Improved Big Boston A sterling new variety of the Big Boston type, but without the brownish tinge which appears in that variety. It is similar in shape, appearance and growth to the Big Boston, but with the added attractiveness of being a most decided improvement. Pkts., 5c and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Perfected Salamander or Satisfaction Forms large, solid, compact heads, resisting summer heat and remaining long in head. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Big Head Is a large, solid, most satisfactory variety for market. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

California Cream Butter The heads are very solid. They are crisp, have a rich, buttery flavor. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Baltimore Oak Leaf This Lettuce will resist the heat of summer and stand longer before running to seed than any variety we have ever known. It makes a large head and is very popular. Pkts., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Market Gardener's Private Stock Largely grown for a midsummer crop. It is slow to seed. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Deacon A fine Lettuce; crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth Black-Seeded Butter It is a cabbage-headed Lettuce; rich, buttery flavor. It resists heat and drought. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.00.

Improved Hanson Firm heads; sweet, crisp, and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Early Curled Simpson Early sort; does not head, but forms a compact mass of curly leaves. Very tender and most crisp. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Trianon Cos or Celery Lettuce The heads are long and conical, often measuring ten inches high by 18 inches in circumference. A short while before cutting, tie up the leaves, and they will blanch quickly and form solid heads, becoming as crisp as celery stalks. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.



One ounce of seed will
plant 60 hills.

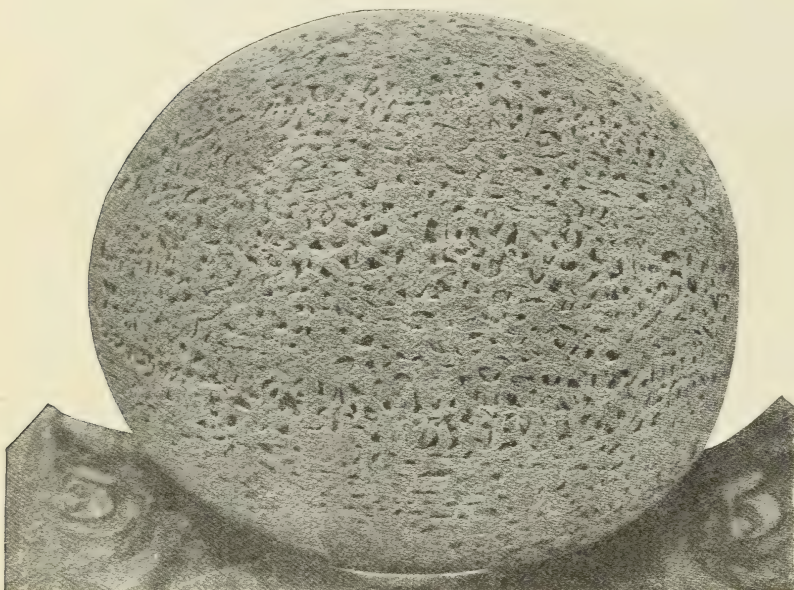
MELON, Musk or Canteloupe

Cantaloupe, Ger.
Two pounds to an acre.

CULTURE.—Prepare hills 6 feet apart; a rich, moderately dry sandy soil is best, using well-rotted stable manure, well mixed with the soil. When danger of frost is past plant 10 to 12 seeds about an inch deep in each hill, and when danger of insects is over, thin out to 4 plants. Ashes, lime, or dry road dust sprinkled over the young plants when the dew is on will prevent the attacks of insects. To promote fruitfulness, pinch the ends of the vines when they begin to blossom, especially if the growth is very luxuriant, and cultivate until the vines cover the ground. Be careful not to grow them near cucumbers, squashes, etc., as they readily hybridize and the flavor of both is injured. Cantaloupes grown on heavy soil are not of the best quality.

The New Rust Resistant "MONEY MAKER" Canteloupe

Blight or Rust Resistant, Perfection in Shape and Size, Deliciously Sweet, Spicy Flavor
Green-Fleshed Heavy, Prominent Netting. An Ideal Perfection Melon.



SCHULTZ'S MONEY MAKER CANTALOUPE.

It has every characteristic that a good Cantaloupe should have, namely, blight or rust-resistant tendency, a deadly disease which manifests itself in nearly every crop of Cantaloupes in past years. Perfection in shape and size, being of the same shape as the old Rocky Ford, but slightly larger in size. In flavor it is deliciously sweet, having a taste that is rich and luscious, being of that desired sweet, spicy flavor. The small cavity, solidly filled with seed, a thick flesh, with smooth, firm texture, green in color and netting on the skin that outclasses anything yet introduced. The netting of a Cantaloupe such as this one enjoys is a fancy feature, and without question is the essence of its appearance on the market.

On the whole, it is an ideally perfect melon—one that will give absolute satisfaction both to the grower and consumer. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., 65c.; lb., \$1.25.

New Sweet Air Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25. Full description in Specialties, Page 3.

Rocky Ford It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind. Price, packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Burrell Gem This might be called an improved Rocky Ford, except that the flesh is a golden or orange yellow. It is very meaty and has few seeds. The melon is oval in shape and very prolific; it is probably the best keeper in the Cantaloupe line. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; 1 lb., 75c.

Emerald Gem The fruit of this really pretty Melon is small to medium, globular in form, flattened at the blossom and stem ends; skin smooth and slightly ribbed. It shows a rich, emerald green color with narrow stripes of a light green in the ribs. Flesh of a deep, rich salmon color, deliciously flavored and of superior quality. Packet, 5c. and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Paul Rose or Petosky It is a cross between the Osage and the Netted Gem, combining the sweetness of the former and the fine gray netting of the latter, making it a handsome Melon. The fruit is oval in form. The flesh is thick and firm, a deep salmon or orange color; most delicious and appetizing. Packet, 5c. and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Baltimore Nutmeg (ACME) Has a beautiful heavily netted green skin; good size; shape oval; slightly ribbed; flesh thick, green, very finely flavored, smooth, always very sweet and most productive. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Extra Early Hackensack PRODUCES MELONS TWO WEEKS EARLIER THAN THE WELL-KNOWN HACKENSACK; HEAVILY NETTED, AND HAS LIGHT-GREEN FLESH OF MOST DELICIOUS FLAVOR: A SPLENDID CANTALOUPE MELON. Large, fine form; grown also for the home garden very extensively. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Jenny Lind This is one of the oldest varieties of Muskmelon. The fruit is small and round, flat on both ends, deeply lobed and finely netted. The flesh is green and luscious; it comes into the market first of all. Packet, 5c. and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Tip Top, Selected Stock It is a yellow-fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

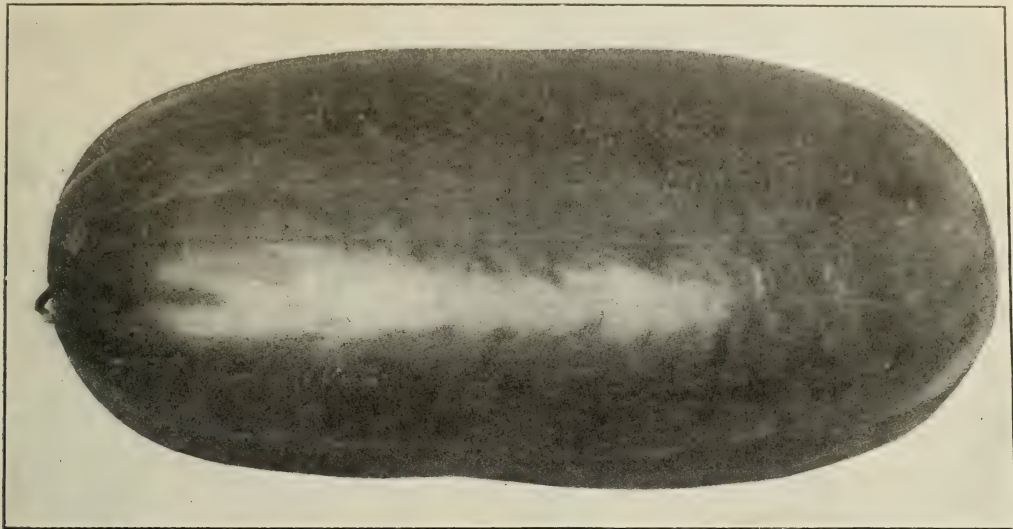


One ounce of seed
will plant 30 hills.

WATERMELONS

Wassermelone, Ger.

CULTURE.—In order to get good maternelons it is essential that the plants have a good start, and to this end it is important to prepare hills by thoroughly working into the soil an abundance of well-rotted manure, and in this plant the seed as soon as the ground becomes warm and dry. Cultivate exactly like cantaloupes, but give more room, say 8 to 10 feet apart each way. They should not be planted near pumpkins, gourds or their species, as they will hybridize and injure the flavor of both. One ounce will plant thirty hills; three pounds will plant an acre.



Tom Watson Watermelon.

Tom Watson Watermelon

Fruit Very Large, Mottled Green Color, Tough Rind, Flesh Brilliant Scarlet, Flavor Most Delicious

A good market Melon of oblong shape. It was introduced several seasons ago, and has been quite extensively tried so that it has passed its period of experiment. The fruit is very large, many Melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. Its rind is very thin but exceedingly tough, and on this account it is one of the very best shipping varieties. The skin is a dark mottled green, while the flesh is a brilliant scarlet, and the heart is very large with a small seed area. The flavor is most delicious and refreshing. Besides being a good shipping variety, it is equally adapted for home use. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; pound, 75c.

Florida Favorite The most popular watermelon on the list. It is a prime favorite for home consumption. It ripens early, has dark skin with light-green stripes, and crimson flesh; exceedingly sweet and fine quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 50c.

Halbert Honey It is a long, early melon, with a dark, rich, glossy green rind, crimson flesh and a sweetness that is unsurpassed. It is a fine melon for home use and home market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Blue Gem A dark bluish green color, very uniform in size and shape, crimson flesh, equal to any as a shipper and shows up well in bulk. Pkt., 5c. and 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

Girardeau's Triumph A favorite market and shipping Melon. It is early, prolific, and averages very large. The rind is of dark green color, with indistinct stripe; flesh solid and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Kleckley Sweets This new variety is one of the finest flavored Melons grown; the fruits oblong in form, eighteen to twenty inches long, and ten to twelve inches in diameter; skin dark green, flesh bright red, extremely sweet, melting and luscious; highly recommended for the home market and family garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Sweet Heart A shipping variety of the largest size; nearly globular in shape; skin a bright, beautiful, mottled green, exceedingly sweet. Pkt., 5c. and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Kolb's Gem Fruit uniformly large and nearly round, mottled and striped with light and dark green; flesh a bright red. Pkt., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Jordan's Gray Monarch or Long Light Icing It is long in shape, with skin of mottled gray color and bright crimson flesh. The flavor is sweet and delicious. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Gipsy or Georgia Rattlesnake One of the largest, oldest and most popular sorts, particularly in the South; fruit oblong, of light green color; flesh bright scarlet and very sweet. Packet, 5c.; oz., 10c.; 2 ozs., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 40c.



One ounce will plant 100 feet of drill;

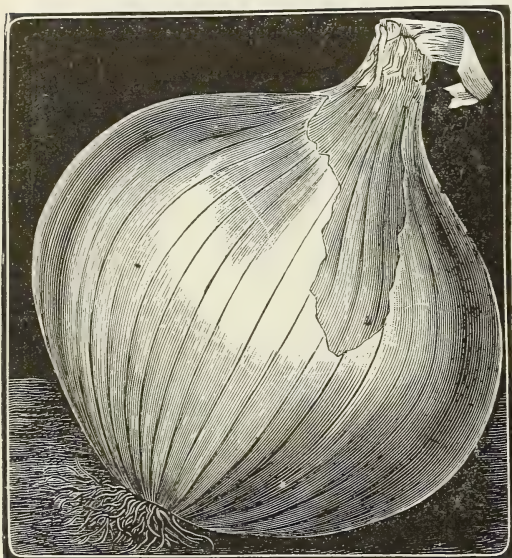
5 pounds per acre.

ONION

Zwiebel, Ger.

Our onion seeds are grown from the choicest selected bulbs raised from pedigree seed of the choicest selected types. You may find onion seed offered for less than ours. You cannot find any of better quality, no matter how high the price asked.

ONIONS must have a clean and very rich soil; it is useless to attempt to grow them on a poor, unsuitable one. A liberal use of manure is more essential to this than to any other crop. It should be of the best quality, well fermented and thoroughly worked over during the previous summer. If it is too rank it is liable to make soft onions, with many scallions. Any of the high grade commercial fertilizers are good for ordinary soils, and fine ground bone will often benefit soils that are already very rich. Get the seed in as early as possible in the spring, no matter if it is cold and unpleasant. A week too late in sowing makes the difference between a good and a bad harvest. If onions do not get a good growth before hot, dry weather, the crop is sure to be a failure. Sow in drills, not less than a foot apart nor more than half an inch deep. Keep the soil mellow and clear of weeds. Three days of neglect, when the weeds are growing rapidly, will sometimes ruin a crop. In cultivating, to destroy weeds and keep the ground mellow, do not cover the young bulbs with earth. As onions grow on the top of the ground, they may be allowed to remain pretty thick, no matter if they crowd each other. With proper manuring, onions can be grown on the same land for a score of years, and it will become clearer and better every year.



Mammoth Prizetaker Onion.

Large, Red Wethersfield Large; skin deep purplish white; moderately fine grained and stronger flavored than any of the other kinds. Packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

Silver Skin or White Portugal Onion

This variety is one of the leading white sorts and is of beautiful shape and very mild flavor, the bulbs are flat in shape and mature early. It is a splendid variety for both family use and the market gardener, and is very largely used for growing sets on account of its fine shape when small and also for its good keeping qualities. It is also extensively used as a pickling Onion, for which purpose it seems to be finely adapted. Packet, 5c. and 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

ONION SETS.

These are the prices ruling in January; later on they may be higher.

White Silver Skin Pt., 10c.; qt., 15c.; 2 qts., 25c.; ½ peck, 40c.; peck, 75c.; bu., \$2.25.

Yellow Danvers Pt., 10c.; qt., 15c.; 2 qts., 25c.; ½ peck, 40c.; peck, 65c.; bu., \$2.00.

Southport Large White Globe The handsomest Onion grown; beautiful silver-skin, perfect globe shape. Forms handsome, hard Onions with wax-like, pearl-white flesh. Is used a great deal for green Onions owing to the clear white stem. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Southport Yellow Globe A fine, orange-yellow, globe-shaped variety. Is a heavy cropper, and forms a long-keeping, hard bulb. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

Mammoth Prize-taker or Spanish This is the large, pale yellow Onion that is offered for sale in the fruit stores and markets in the fall. It grows to a very large size; flesh white, of mild and delicate flavor. The large Onions are raised the first year from seed, and with ordinary culture, produce enormous crops. Packet, 5c. and 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

Yellow Globe Danvers A standard sort and one of the most desirable; an excellent keeper and very productive. Our strain of this variety is the true globe shape. Packet, 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

Packet, 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.



Silver Skin, or White Portugal Onion.



One ounce will sow 150
feet of drill.

PARSLEY

Petersilie, Ger.

CULTURE—It requires rich, mellow soil. The seed is even slower than Parsnips in germinating, and should be sown as early as possible in the spring, in drills one to two feet apart, and when the plants are well grown up thin to one foot in the row. When the plants are about three inches high cut off all the leaves; the plant will start a new growth of leaves which will be brighter and better curled, and if these turn dull or brown they can be cut in the same way; every cutting will result in improvement. For outdoor sowing it is well to prepare the seed by placing it in warm water to soak for at least four hours.

Schultz's Triple Curled A fine, free-growing variety; the plant is robust, with leaves that are beautifully curled, bright, pale green and exceedingly handsome. Greatly prized for flavoring soups and stews and for garnishing. The very best sort for market gardeners or for private use. Packets, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

CHAMPION MOSS CURLED. Leaves are of exceedingly dark green color, very finely curled, making it most attractive for garnishing, while the plant is very attractive as a border. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Single or Plain The leaves are not curled, but the flavor is excellent, however, and the plant is very hardy. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.



Schultz's Triple Curled Parsley.

PARSNIPS

Pastinake, Ger.

CULTURE—Sow as early in the spring as the weather will admit, in drills 15 inches apart and half an inch deep, in rich, well-manured ground, dug very deeply, so the roots will grow straight and uniform. Cultivate the same as for carrots, and thin out to four inches apart in the rows. The roots improve by being left in the ground until spring, securing enough in pits or the cellar for winter use. One ounce of seed to 100 feet of drill; five or six pounds will plant an acre.

Sugar or Hollow Crown

This is an old standard variety, smooth skin, tender and well flavored. It is good either for table use or stock feeding. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

planted much closer in hills two or three feet apart, or in drills two feet apart, thinning the plants to about one foot apart in the row. Gather the pods when quite green and about an inch and a half long. Grown for its young pods, which are used in soup, or stewed and served like asparagus.

Dwarf Green This is the preferred kind with the growers; is of dwarf habit and very productive. Packet, 5c. and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Perkins' Long Pod (Improved Strain) A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts, and consequently matures sooner. The pods are exceedingly long and tender. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Improved Long Green Very productive; bears long pods, which remain tender and free from hard ridges. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.



Dwarf Green Okra.

Okra or Gumbo

Ocher, Ger.

CULTURE—Plant in hills about four feet apart, putting six to eight seeds in a hill, and after the plants are well started cut out all but two. The dwarf sorts can be



One and a half bushels for one acre.
One quart will plant about 100 feet of drill.

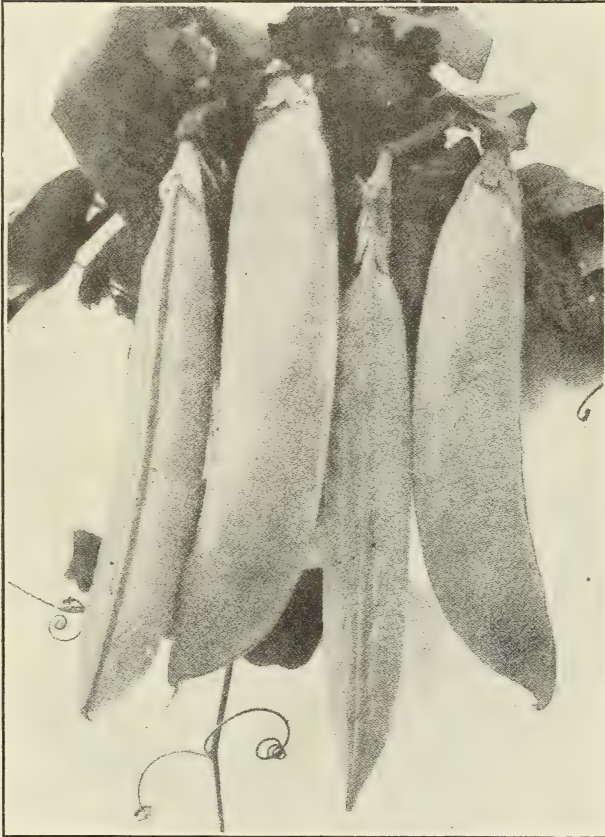
GARDEN PEAS

Erbsen, Ger.

CULTURE.—Peas mature earliest in a light, rich soil; for general crop, a rich deep loam or inclining to clay is best. Sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small round sorts, and if planted early should have dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens or for forcing, planted in rows 1 foot apart.

SHORT CROP PEAS. Prices subject to change without notice

Extra Early Varieties



New Wonderful Peas.

uriance of foliage. It is, however, even more productive than the Gradus, and has proved to be a sure cropper. The pods are large, square or blunt, being even better filled than the Gradus. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.50; bushel, \$9.00.

Little Marvel The vines, of dwarf, even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom and well filled with six to seven quite large, deep green peas. The peas are ready for the table fully as early as **American Wonder** or **Nott's Excelsior**, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality of wrinkled peas will be delighted with **Little Marvel**. Per pkt., 10c.; per pint, 20; quart, 35c.; 4 quarts, \$1.25; peck., \$2.25; bushel, \$8.00.

Earliest of All, or Alaska Very early, popular Peas. Height, 2½ ft.; pt., 15c.; qt., 30c.; pk., \$2.00; bush., \$6.00.

American Wonder Excellent for family use. Height, 9 in.; pt., 15c.; qt., 30c.; pk., \$2; bu., \$7.

Nott's Excelsior Vines dwarf in habit, wonderfully productive. Height, 12 in.; pt., 15c.; qt., 30c.; pk., \$2.00; bush., \$7.00.

Premium Gem Bears abundantly, sweet and tender. Height, 12 in.; pt., 15c.; qt., 30c.; pk., \$2; bsh., \$7.00.

BIG MARVEL

See Specialties. Full description, Page 1.

NEW WONDERFUL PEAS

THE EARLIEST AND MOST PRODUCTIVE
OF ALL EXTRA EARLY PEAS.

Extra Large Pod, Deep Green Color.

This Pea was introduced in 1906 to a few truckers who planted it for a trial, and it has without question proven to be a wonderful new Pea. It is as early as the well-known Alaska, and bears pods like the Telephone. Its stocky vine and dwarf habit puts it ahead of anything thus far brought out in the class of early semi-Wrinkled Peas. It can be planted earlier than the Gradus or Thomas Laxton, therefore can be marketed ahead of these popular sorts. Earliness, combined with productiveness, large pods grown on a short, stocky vine, is what makes the Wonderful unique among semi-Wrinkled Peas. Half pt., 10c.; 1 pt., 20c.; qt., 40c.; 4 qts., \$1.50; 1 pk., \$2.75, 1 bushel, \$10.00.

Prosperity or Gradus This Pea is a most marked advance and improvement in wrinkled Peas. It is remarkable for the size and fullness of its pods, yielding an abundant supply of large Wrinkled Peas, which are of most delicious flavor. The vines grow about two feet high, have heavy stems, stand upright, and do not require staking. The Peas remain edible, tender and sweet for some time after they reach maturity. Pkt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.50; bushel, \$9.00.

Thomas Laxton The splendid new English variety closely resembles the Gradus in habit and rapidity of growth, earliness and lux-

If Peas are ordered by mail or express, add 10c., per pint, 15c. per quart, for charges.



GARDEN PEAS—Continued

OUR SEED PEAS are of the best quality obtainable, being all grown far north, thoroughly cleaned and carefully hand-picked. They are raised from finest selected strains, and the growing crops are thoroughly rogued to remove all improper types of growth.

Second-Early and Late Sorts

New Top Notcher Peas

Medium Late, Long Dark Green Pods, Sweet,
Tender and Luscious

This comparatively new Pea is in many respects the very best main crop variety of the valuable Telephone type. The vines grow nearly five feet high, are dark green, vigorous, and exceedingly productive. Pods very large, long, dark green. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Top Notcher answers these requirements, and furthermore is the most productive variety of this class. We recommend it unreservedly. Pkt., 10c.; pt., 20c.; qt., 35c.; 4 qts., \$1.25; peck, \$2.25; bushel, \$8.00.

Prince Edward The giant of the Pea family, producing pods attaining to the extraordinary length of 7 inches and upwards, closely packed with 11 to 13 large, dark green Peas of fine flavor. The plant is of branching habit, 6 feet in height, with dark green foliage. It is of a very vigorous and robust constitution, which enables it to withstand drought and mildew. The pods are produced in great profusion, mostly in pairs. Where there is a demand for a Pea of robust habit, fine quality and hearty constitution, this Pea will fill the bill. Pt., 20c.; qt., 35c.; 4 qts., \$1.25; pk., \$2.25; bu., \$8.00.

Carter's Telephone Peas The favorite late variety for the market grower. Extra large pods. This Pea has proved to be a most valuable introduction. Vine large, coarse leaves, height about four feet. The pods are very large and filled with immense Peas, which are largest of any. Tender, sweet and of splendid quality and flavor. The stock we offer been selected with every care, and will give satisfaction to the most exacting grower. Packet, 10c.; pt., 20c.; qt., 35c.; pk., \$2.25; bu., \$8.00.

Potlatch Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods, medium green in color, $3\frac{1}{2}$ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. Pt., 20c.; qt., 35c.; 4 qts., \$1.25; pk., \$2.25; bu., \$8.00.

Horsford's Market Garden A first-class wrinkled Pea; second early; height, 24 inches. Does not require stakes. A single plant has been known to produce 150 pods. The pods are borne in pairs and are easily and quickly picked. This variety is claimed to easily yield more shelled Peas to the acre than any other variety. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.00; bu., \$8.00.

Shropshire Hero A second-early, large wrinkled Pea; robust grower; grows two and one-half feet high, producing its large, well-filled pods in abundance; pods average seven to ten fine, large Peas of exquisite flavor in each. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.00; bu., \$8.00.

American Champion A remarkably hardy and vigorous variety, producing in great profusion its large pods, which are well filled with large and delicious Peas. A valuable main crop sort. It is a tall grower, of branching habit, and should be sown thinly. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.25; bu., \$8.00.

Improved Sugar Marrow An improved strain of Large White Marrow, maturing nearly two weeks earlier. Vine and foliage light green in color, growing about five feet high. Pods large. Pt., 15c.; qt., 25c.; gal., 85c.; pk., \$1.50; bushel, \$5.00.

Champion of England Of delicious flavor; desirable for home use. Very much superior in flavor and table qualities to the Marrowfat Peas. Pt., 20c.; qt., 35c.; pk., \$2.25; bu., \$8.00.

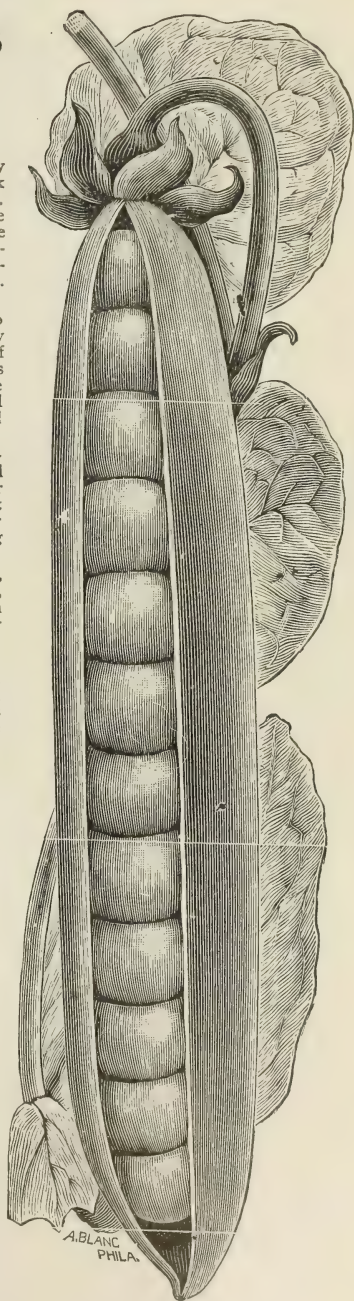
Packet, 10c.; pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.25; bu., \$8.00.

Duke of Albany One of the very largest and best Peas grown. The pods are handsome, large, well filled and borne in great profusion. Packet, 10c.; pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.25; bu., \$8.00.

June One of the best main-crop Wrinkled Peas. It has a stout, robust vine, bearing straight, heavy, square pods, usually borne in pairs. Pods contain seven to nine sweet, delicious dark green peas of immense size; grows two feet high. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.25; bu., \$8.00.

Pride of the Market Vines of medium height, stiff, with large, dark green leaves and bearing at the top, generally in pairs, a good crop of large, dark green pods, well filled with large Peas of good flavor. Pt., 20c.; qt., 35c.; gal., \$1.25; pk., \$2.25; bu., \$8.00.

MAMMOTH PODDED SUGAR (EDIBLE PODS) This variety grows to the height of five feet; bears a profusion of very large, broad, handsome, light green (nearly white) pods, which are so brittle that they snap without any springs. Sweet, tender and of excellent flavor. Pt., 25c.; qt., 45c.; gal., \$1.50.



Top Notcher Peas.

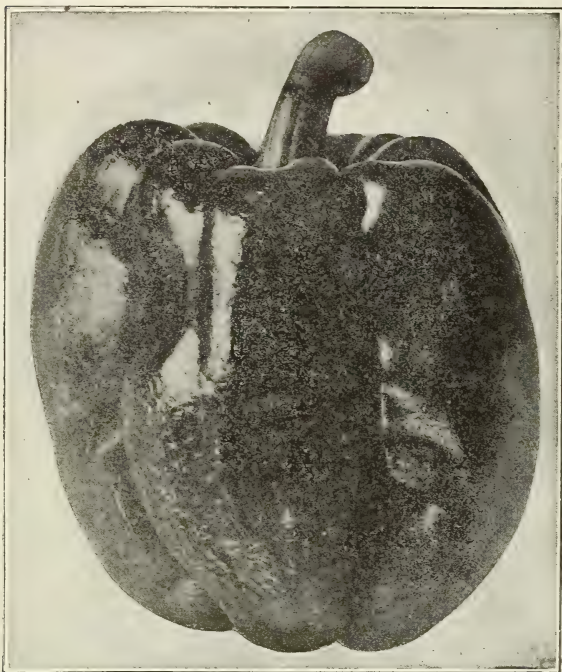


One oz. will produce about 1,000 plants.

PEPPER

Pfeffer, Ger.

CULTURE—Sow in hot-bed in February or March and transplant to open ground in May in rows 2 to 3 feet apart, 15 inches between the plants; or when the ground becomes warm, sow in open ground and set out as above. When about 6 inches high apply liquid manure or some good fertilizer. Cultivate the same as for Egg Plant.



Chinese Giant Pepper.

Mammoth Golden Queen These grow from fifteen to twenty perfect fruits on a plant, from 8 to 10 inches long, and 4 to 5 inches through. Color bright golden yellow, and so mild they can be eaten like tomatoes. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

PUMPKIN

Grosse-Kurbis, Ger.

CULTURE—Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with corn; always avoid planting near other vines, as they will hybridize.

King of the Mammoths The flesh and skin are of a bright golden yellow color. Flesh, fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 pounds. Price, pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Mammoth Golden Crookneck The old standard and popular Crookneck Pumpkin. Grows to an immense size, and a field of them is a very pretty sight with their great hooks lying around in the greatest profusion. They are rich, dark golden yellow in color, thick-meated, fine-fleshed, excellent for feeding stock or for pies. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., \$60.

Small Sweet or Sugar Pumpkin A very fine grained, most deliciously sweet flavored pumpkin, also a splendid keeper all through the winter. For size they average about ten inches in diameter, and being of a round, flattened shape and deep orange color, are extremely attractive while growing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Connecticut Field The hardest of all Pumpkins; cultivated mainly for stock-feeding, producing enormous crops. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 25c.

Large Sweet Cheese One of the best for table use and very productive. Shape, flat; skin, mottled light green or yellow, changing to a rich cream color; flesh, yellow, thick and tender. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

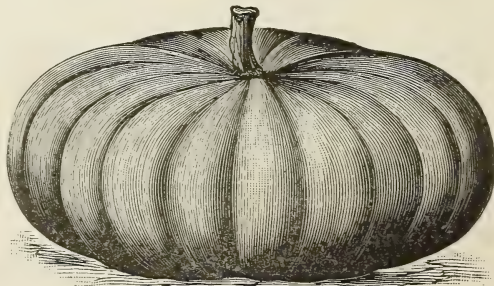
Ruby King These are a bright, ruby-color, remarkably mild and pleasant. Can be sliced and eaten with vinegar and pepper, used as a salad, or stuffed with mangoes. The fruit is from four to six inches long. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Long Red Cayenne Bears an abundance of long-bright-red pods, which are used for pickling when both green and ripe. Very strong and pungent. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Red Chili A late variety, used for pepper-sauce. The bright red rich pods are about two inches long, one-third to one-half inch at the base, tapering to a sharp point and exceedingly pungent when ripe. Packet, 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Large Bell, or Bull Nose Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads or pickles. Packets, 5c and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Chinese Giant The largest and finest Red Pepper grown. It is early to ripen and immensely productive. The fruits are of thick and blocky form, and most brilliant, glossy scarlet. Packet, 10c.; oz., 35c., $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



Large Sweet Chinese Pumpkin.



Ten bushels of Potatoes will plant an acre. One peck will plant 75 hills.

POTATOES

Karloffeln, Ger.

SELECT LIST OF STANDARD MAINE GROWN VARIETIES, TRUE TO NAME.

CULTURE—The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in any soil or climate. The Potato, being a gross feeder, requires a liberal application of manure; if stable manure is to be used it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as the Potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. For fertilizer we would recommend Mapes Economical Potato Manure. This is highly balanced, and contains 10 per cent. of sulphate of potash. Plant as early in the spring as the ground can be thoroughly worked, in rows of 3 feet apart and 1 foot in the rows; covering in light, warm soil about 4 inches, and in cold, wet ground about 3 inches deep; draw the earth to the plants as they advance in growth.

A CHANGE OF STOCK SEED IS A GREAT BENEFIT.

ALL OF THE EARLY SEED POTATOES WE SELL ARE GROWN IN MAINE.

Though Potato growing is one of the main industries of our country, many farmers think that all that is necessary is to plant any seed on any soil, and harvest the crop, blaming the season for poor yield. Some reasons for poor crops are want of good seed, care, cultivation and fertilizing. Change of stock seed also is one of the requisites necessary to success; any one variety of Potato loses both in quality and yield by growing from the same strain of seed every year; so a change is desirable. A farmer should also be constantly experimenting with new varieties; and find out which are best adapted to his needs and soil.



Prices variable. Write us for special prices in quantities.

Irish Cobbler This new variety is as early as the Double X. Tubers a beautiful creamy white; eyes strong, well developed and but slightly indented; flesh white and skin often netted. Quality fine. It is so extremely early that it will not yield with some of the later varieties, but for early market and home garden we advise all to give it a trial.

Double X Early One of the earliest and best Potatoes grown. No other Potato has more friends nor a better reputation than the Double X around Washington and vicinity. The tubers are oblong-oval, round at the seed end, with eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to my list of extra early varieties.

New Queen This is a very superior table variety. It is about a week later than the Early Rose, but claimed to be more productive. It is a white-fleshed potato, and of most superior flavor, and desirable for private growers and the home market.

Green Mountain Large, handsome, white Potato, a prolific yielder, fine eating quality, cooking dry and mealy; a Potato that has largely superseded other varieties throughout this part of the country. It is medium early and gives excellent results on all kinds of soil. The flesh is very white with a flavor all of its own.

Early Rose True seed of this variety is very difficult to get. We are careful in the stock which we handle of this and promise customers as good a strain of this old time variety as can be had anywhere.

Bovee An extra early Potato, somewhat similar to Beauty of Hebron. Fine growth; dwarf and stocky. The potatoes are white, with pinkish skin; smooth, handsome, fine quality, yielding heavily. Very popular wherever grown.

McCormick A very popular late sort; in fact, too well known for us to describe. Plant along in June or July and you will receive a yield that will surprise you. This is its main feature.

Seed Sweet Potatoes

CULTURE—Put the Potatoes in hot-beds in April, covering with 3 inches of earth, and after they begin to grow, give plenty of air on sunny days and water regularly. In May or June set out 15 inches apart in rows 3 feet apart. The land should be plowed shallow in order to produce the short, chunky Potato most largely in demand. Apply a fertilizer having only a small percentage of nitrogen and a large amount of potash.

Big Stem One of the best market varieties; a large yielder, and of good flavor. Bright yellow. Peck, 50c.; bushel, \$1.50.

Yellow Jersey The most popular of all yellow sweet potatoes. Peck, 50c.; bushel, \$1.50.

Sweet Potato Plants Ready May and June; 100, 25c.; 1,000, \$2.00. Special prices on large lots



One ounce of seed will plant 100 ft. of
drill: 8 to 10 pounds for an acre.

RADISHES

Rettig, oder Raieschew, Ger.

CULTURE.—All varieties thrive best in light sandy loam. For early use sow in the hot-bed in February, giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry, covering the seed about half an inch deep. Sow every two weeks, from March until September, for a succession of crisp radishes for continued use. Radishes must grow rapidly to be crisp, mild-flavored and tender. We offer a fine assortment.

NUMBER TWO SCARLET GLOBE SHAPED

The Color a Rich Bright
Scarlet.

For Forcing or Out-Door
Culture.

The roots of this variety are slightly olive shaped, a rich, bright scarlet in color; flesh white and tender, fit to pull as early as any radish that grows. We especially recommend this to gardeners whose markets demand a large, first early forcing radish. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



No. 2 Scarlet Globe Shaped Radish.

Icicle—The Best White Radish This variety has long slender pure white roots, short leaf tops, making it very early. The roots remain mild and crisp until they grow to large size. Of remarkably fine flavor and handsome appearance. One of the very best for the home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c. **Do not fail to try this radish.**

White Strasburg Summer This is the best and most popular summer Radish grown. Both the skin and flesh are pure white and almost transparent, and of delightful pungent taste. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

White-Tipped Scarlet Turnip Radish A beautiful Radish, coming in very early; tops very small, permitting of close planting; quality excellent. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Early Long Scarlet, Short Top The standard long variety for market and home garden. Roots long, growing partly above ground, straight, smooth, rich scarlet color; very crisp and a quick grower. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Vicks' Scarlet Globe One of the earliest Radishes grown, and one of the best for forcing. Makes a very small top, of bright red color, and is very attractive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; in Vicks Sealed packages.

Crimson Giant A beautiful long Radish. It grows quickly, and even when it attains a large size it remains absolutely tender and of perfect flavor to the very last. It is of beautiful deep crimson color, and in crispness and flavor it is unsurpassed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Golden Globe Summer Grows to a large size, as it stands heat well, may be sown quite late. Crisp and tender. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

French Breakfast Scarlet, with white tip, shape nearly oval, good for forcing or summer sowing. Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Long White Vienna, or Lady Finger It is most beautiful in shape; white in color; both skin and flesh are pure snow-white, crisp, brittle and of rapid growth. Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Chartier Long Scarlet A beautiful long Radish of deep crimson color, shading to white at the tip. Splendid for outdoor culture. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Cincinnati Market An extra early variety of the Long Scarlet type; clear bright red color; crisp and juicy. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

WINTER VARIETIES.

Rose China Winter Roots cylindrical; color bright rose; flesh white and of superior quality. One of the best. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Long Black Spanish A quick-growing white variety, very tender and agreeable in flavor. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

White Chinese, or Celestial Shape half-long, stump-rooted. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



RHUBARB, or Pie Plant Rhabarbe, Ger.

CULTURE—Seed should be sown in a deep, rich, well-pulverized soil, in drills 18 inches apart and 1 inch deep. Thin out the plants to 6 inches apart. In the fall, prepare the permanent bed by trenching 2 feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about 5 feet apart each way. Give a dressing of coarse manure every fall. The stalks should not be cut until the second year. The varieties of rhubarb do not usually come true from seed. One ounce should give about 500 plants.

VICTORIA. Very large, the finest cooking variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Rhubarb Roots—per dozen, 75c.; per hundred, \$4.00



Sandwich Mammoth Salsify.

SALSIFY, or Vegetable Oyster

CULTURE—It succeeds best in a light, well-enriched soil which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit or in a cellar packed in damp earth or sand.

Sandwich, Mammoth White

Market gardeners will find this one of the largest, smoothest and most

profitable in cultivation. The top remains in good condition until late the following spring. Roots pure white in color and twice the size of the ordinary Salsify. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

The long, white, tapering root of Salsify when cooked forms a good substitute for oysters, having a very similar flavor.

One ounce for 100 feet of drill. Sow
10 to 12 pounds to the acre.

SPINACH

Spinat, Ger.

CULTURE—Should be planted in very rich ground—the richer the better. It is an important market gardener's crop of easy culture. Sow broadcast or in drills if drilled, 12 to 15 inches apart and 1 inch deep, as early as the ground can be worked. Begin thinning out the plants when the leaves are an inch wide. It also is sown in August for fall cutting, and late in September to stand over winter for spring cutting.

NEW LONG SEASON.

Crumpled, tender, thick leaf, dark green color and stands the hot season. Extra fine. Oz., 5c.; $\frac{1}{2}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.50.

Bloomsdale Curled Savoy Spinach.

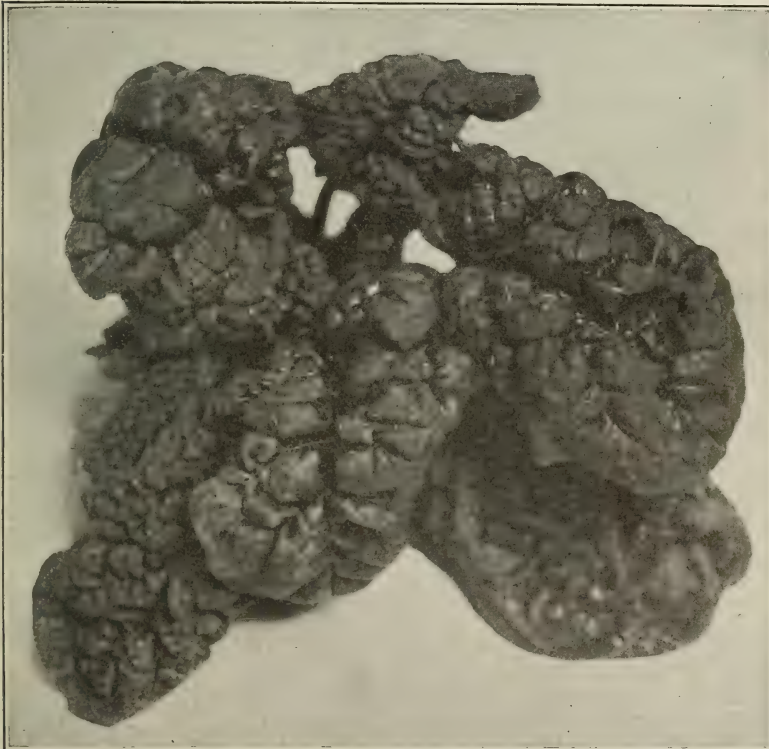
The earliest of the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage. Oz., 5c.; $\frac{1}{2}$ lb., 10c.; lb., 15c.; 10 lbs., \$1.20.

NEW SPRING.

A valuable sort, its attractive dark green color, long standing and hardy character make it desirable for both spring and late sowing. Oz., 5c.; $\frac{1}{2}$ lb., 10c.; lb., 15c.; 10 lbs., \$1.20.

Improved Thick-Leaved or Long Standing.

Leaves large and thick. Does not run to seed as early as other varieties. Oz., 5c.; $\frac{1}{2}$ lb., 10c.; lb., 15c.; 10 lbs., \$1.20.



True Bloomsdale Curled Savoy Spinach.



SQUASH

Speise-Kurbis, Ger.

CULTURE.—Squashes should be planted in a warm, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out after they have attained their rough leaves and danger from bugs is over, leaving three or four of the strongest plants per hill. An occasional feeding of liquid manure will repay in size of fruits.

SUMMER SQUASHES—EXTRA EARLY



Benning Bush Scalloped Squash

Earlier than the White Bush, Very Light Shade of Green, Bush Habit, Very Productive and Attractive Appearance.

The improvement of the Benning Bush Squash over the old sort is quite distinct, in that it is earlier and has a very beautiful light shade of green color, in place of the creamy white which the older sort has.

The flesh is rich, dry, and particularly fine; medium in size; vine of bush habit, and exceedingly productive.

Its superiority is so great over the old Early White Bush Squash variety that we do not hesitate to say that if the Benning type is tried once, your future orders will always be for the new Benning sort. Price, pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Benning Bush Scalloped Squash.

White Bush Scallop (Patty Pan) A well-known variety of dwarf habit and upright growth. The most productive of all the summer sorts, a good shipper and favorite with the market gardeners. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; ½ lb., 25c.; lb., 40c.

Yellow Summer Crook-Neck This old and well-known variety still remains a favorite and is considered the best for summer use. It is early, productive and of good quality; skin orange-yellow. Quality excellent. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

FALL AND WINTER SORTS

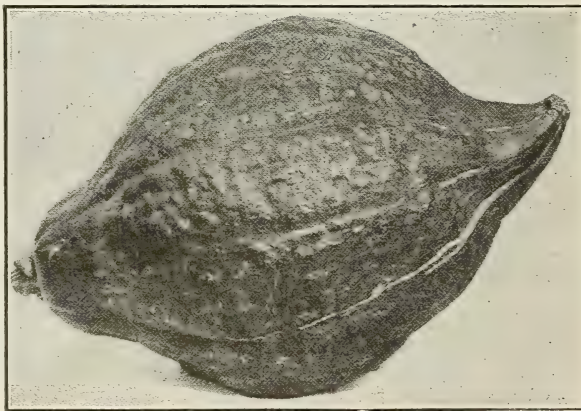
Chicago Warty Hubbard This strain is the ideal winter squash for the home or market. The fruits are large, handsomely shaped, dark green, heavily warted skin, with rich flesh of splendid quality. Packet, 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 75c.

Red or Golden Hubbard A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Its keeping qualities are fully equal to, while in productiveness it far excels, the Green variety. Packet, 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Prolific or Orange Marrow The earliest of the fall varieties and much sooner ripe than any other Marrow Squash. Very prolific, an attractive, bright orange-red; Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Hubbard The standard winter squash; grown perhaps more generally than any other variety. It is of good size, often weighing 9 to 15 pounds. Color, bluish-green; will keep perfectly until spring. Usually grown for main winter crop. Packet, 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Boston Marrow Color, a rich orange, of good size, excellent flavor, and keeps well. Packet, 5c.; oz., 10c.; ¼ lb., 15c.; ½ lb., 25c.; lb., 50c.



Hubbard Squash.

Sorrell The improved varieties of Sorrell when grown and cooked like spinach make a very palatable dish. Sow in drills early in spring and thin the seedlings to six or eight inches apart in the row. One may commence cutting in about two months, and the plants will continue in full bearing from three to four years.

Large-Leaved French The best garden variety, having large, pale green leaves of fine quality. Packet, 5c.; oz., 10c.; 2 ozs., 20c.; ¼ lb., 30c.; lb., \$1.00.



Specially saved.

TOMATO SEED

Laibersapfel, Ger.

One ounce will produce 2,000 plants.

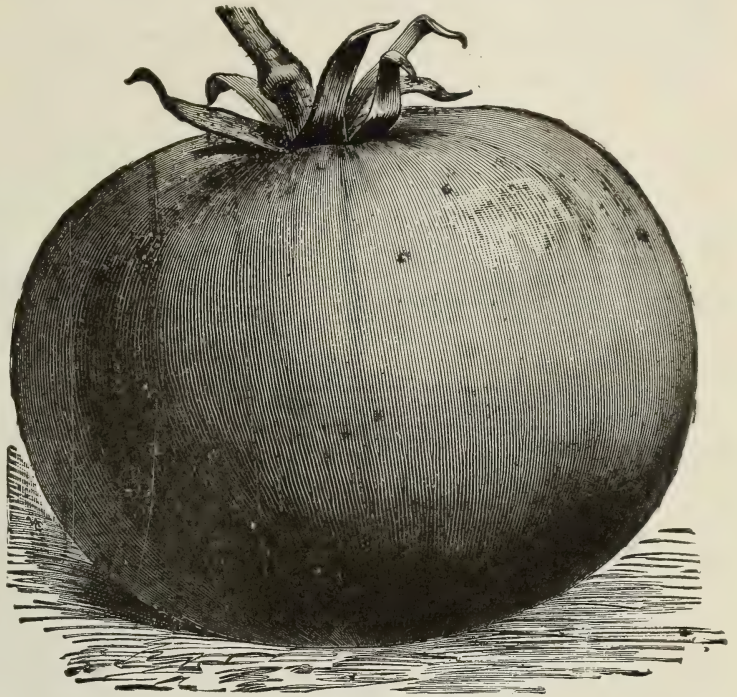
WE DO NOT USE CANNING FACTORY SEEDS.

For early plants sow in hot-beds early in March, in drills 5 inches apart and $\frac{1}{2}$ inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelfull of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or large flower pot by placing it in a sunny window in a warm room or kitchen. For late use sow in a sheltered border in May and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the vines on trellises or tying to stakes, the fruit will ripen better and be of finer quality.

**NEW FAULTLESS
TOMATO**

A new second early variety of great merit. Sure to please all who plant it. A healthy, vigorous grower. Exceedingly prolific. Color rich pink.

One of the grandest Tomatoes recently introduced, color rich, soft pink, similar to our New Splendid, heavy cropper, round in shape, flesh very firm, large size, fine flavor. A leading feature of this superb variety is that it ripens its fruit more uniformly together than any known kind, whilst its profusion of clusters averaging eight and ten large evenly formed clusters each, makes it conspicuously handsome. Ripens evenly to the stem, is a strong, healthy grower, not subject to rust or blight, is an enormous cropper, and produces until the vines are killed by frost, holding its size exceedingly well until the last picking. Quality the very best, very solid and meaty. It is in every way a desirable variety for market gardeners, as its beautiful appearance always insures an extra price. An excellent sort for late summer and fall. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

**New Faultless Tomato.**

BONNY BEST. Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper. (See full description, page 1, Specialties.)

New Splendid Tomato Packet, 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.50. (See full description, page 3, Specialties.)

Earliana The earliest, large, smooth Red Tomato. This tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Our seed is selected for earliness, trueness to type and productiveness. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; $\frac{1}{2}$ lb., \$1.00; lb., \$2.00.

Livingston's Beauty (selected stock) One of the most popular kinds on our list, giving entire satisfaction, a favorite everywhere; early, large, round, smooth, light purplish pink tint; one of the best. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Ponderosa The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of good sub-acid flavor. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.50.

Trucker's Favorite The Smoothest and Best of the Large Sorts. Vines large, vigorous and heavy bearers, fruit large, uniform in size, very smooth, color of skin purplish pink. Packet, 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; 2 ozs., 25c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Prizetaker It is about the size of Beauty, and matures with it. The color is a deep pink. Packet, 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Improved Acme One of the smoothest and most uniform, medium size, early, purple-fruited sorts. Packet, 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Dwarf Champion Dwarf and compact in habit, the plant growing stiff and upright, requiring no stakes, with very thick and short-jointed stems. For this reason it is often sold as Tree Tomato. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Early June Pink Tomato In habit of growth it is similar to the Earliana. Fruits are pink. Medium size. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



TOMATO SEED—Continued.

Our Tomatoe Seed has all been grown by Tomato Specialists, who plant for seed only. It is not as cheap as that from canning factories, but it is good and reliable and will give satisfaction.

LIVINGSTON'S STONE TOMATO

THE GREATEST CANNING TOMATO IN THE WORLD.

This variety has obtained immense popularity with canners, Southern growers, and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Its shape perfectly smooth and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequaled firmness, or some other of its good points. Packet, 5c. and 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 50c.; lb., \$1.50.



NEW ADMIRATION TOMATO

Double the Size of Dwarf Champion. The Largest Fruited Upright-Growing Variety in Existence.

In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The strong, upright growth allows very close planting, at least half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18 x 24 inches apart each way, and yet produce an abundant crop.

The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most splendid quality. The fruit resembles Livingston's Stone in its bright red color, shape, and what is more remarkable, it is almost as large. Some idea of the large size of the fruits may be gained when we state that ten fruits have been picked from one vine at the same time showing a total weight of 5 lbs. and 3 ozs.; single specimens weighing one pound are quite common. A very productive variety. Once thoroughly known will be a great favorite. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 90c.; lb., \$3.00.

Matchless A large, bright red tomato. The fruit is smooth. The flesh is a rich, red color and of fine quality. Packet, 5c. and 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 50c.; lb., \$1.50.

New Queen Tomato This sort is well known and favorite among canners. Packet, 5c. and 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

Yellow Pear Shaped Fruit pear shaped with a rich, clear yellow color. Decidedly the most popular for preserves. Packet, 5c. and 10c.; oz., 25c.; ¼ lb., 75c.

Yellow Plum Shaped Fruit plum shaped, skin and flesh yellow, used for preserves and pickles. Packet, 5c. and 10c.; oz., 25c.; ¼ lb., 75c.



One ounce will sow 200 ft. of drill.
One pound will sow an acre broadcast.

TURNIP

Stuckrube, Ger.

CULTURE.—The soil for Turnips should be rich and mellow. Sow in drills 12 to 18 inches apart and half an inch deep, or sow broadcast, although much larger crops are obtained by drill culture. When the plants are a few inches in height, and strong enough to resist the attacks of insects, thin them out to some 5 or 6 inches apart in the drills. In this climate we sow from the first of July to September 1. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about 18 inches apart, and the plants in the rows not less than 10 inches. Ruta Bagas are excellent for all kinds of stock, and are relished by all.

Purple Top White Globe Shaped Turnip

appearance it is the best looking of all varieties, the white globe surface having an uneven purple

This is the most popular of all market Turnips. The shape is globular and of good size, and in edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table or stock. An immense producer. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.



Purple Top White Globe-Shaped Turnip.

Extra Early Purple Top Milan

A white variety, purple top and strap-leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Purple-Top Strap-Leaved

Flat, medium size,

purple above ground, white below. The most popular variety for early use. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

White Egg

A quick-growing, egg-shaped, perfectly smooth, pure white variety. The flesh is very sweet, firm and mild. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Pomeranean White Globe

One of the most pro-

ductive kinds. It is globe-shaped, skin white and smooth, leaves large and dark green. Packet, 5c.; 2 ozs., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Large White Norfolk

A standard sort, but though a little coarse in texture. The roots are large, spherical, and very white. Pkt., 5c.; 2 ozs., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Seven Top A variety much grown in the South for the tops, which are used as greens. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

YELLOW FLESHED TURNIPS.

Yellow Globe

One of the best yellow-fleshed varieties for a field crop for table or stock. Flesh yellow, fine-grained, color of skin yellow, top green. Grows to a large size, is hardy, keeps well and is a good cropper. Very popular in the South. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 30c.

Golden Ball, or Orange Yellow

A medium-sized globular Turnip. In season is early, flesh a golden yellow, of fine texture, very sweet, and nice for table. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Yellow Aberdeen

Large globe-shaped yellow variety, excellent for keeping. Good for both table and stock. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Amber Globe

A round, smooth, medium-sized, light yellow turnip, with crisp, firm flesh of fine quality. A good winter sort. Same price as Yellow Aberdeen.

Purple-Top Yellow Aberdeen

Roots medium-sized, round, flesh pale yellow, tender and sugary; the plant is hardy, productive and keeps well. It is considered as approaching very nearly to the Ruta Baga in hardness and firmness of texture, and is valuable for feeding cattle. Packet, 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

RUTA BAGA.

Improved Purple Top

This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size, skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. The tops are short, which feature is very desirable. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.



Put up in packages filled with a generous measure.

High Grade Flower Seeds

All flower seeds sent post-paid on receipt of price.

Send us \$1 and select PACKETS to the value of \$1.25. Send us \$2 and select PACKETS to the value of \$2.50. Send us \$3 and select PACKETS to the value of \$4.00.

MOST flowering plants will live in almost any soil, but to give them a fair chance to develop, some care should be taken to make the ground suited to their needs. Many flowers are better if produced on plants of vigorous growth, hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Cultural directions are given in the packets, and I urge purchasers to study them carefully. While some seeds need special treatment, the following general rules will apply to all. Make the surface of the soil as fine, smooth, and level as possible; do not plant when the ground is wet; cover each lot of seeds to a uniform depth, which should not be more than four or six times the diameter of the seed; press the soil firmly over the seed; plant in rows, so that the starting plants can be seen easily; thin out the young plants to prevent crowding and keep entirely free from weeds.

Alyssum, Sweet.

Of dwarf, compact habit, four to six inches in height. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn. Packets, 5c.

Adonis Autumnalis.

(Adonis Flower, Pheasant's Eye.) A handsome, hardy, herbaceous annual, one foot high. The finely cut, dark green foliage in which are set the intense blood red flowers, gives the plant a very striking appearance. It grows readily in a place shaded by a house or fence and requires but little care. Packet, 5c.

Ageratum.

A beautiful, hardy annual. The flowers borne in dense clusters, are very useful for bouquets, and the plants are very attractive in the garden. The different varieties are from six inches to two feet high and are covered with bloom nearly all summer.

Mexicanum, light blue, about twenty inches high. Packet, 5c.

Aster.

Finest mixed. A mixture of the finest strains and colors. Packet, 5c.

Calliopsis or Coreopsis Very showy border plants, producing in great profusion and for a long time flowers which are bright yellow and rich brown, either self-colored or with these colors and red contrasted. Packet, 5c.

Canary Bird Flower A beautiful climber, with curiously shaped little canary-colored blossoms. Will blossom freely from July until killed by frost. Tender annual. Packet, 5c.

Candytuft Showy, branching plants, six to eighteen inches high. Indispensable for cutting and very effective in beds or masses. If sown in spring will bloom from July to September, or in the fall will blossom from May to July. Hardy annual. Lilac, shading to light purple. Packet, 5c.; white, pkt., 5c.; fine mixed, pkt., 5c.

Canterbury Bells, or Campanula Popular and beautiful hardy plants, bearing a great profusion of attractive bell-shaped flowers. Packet, 5c.

Clarkia Beautiful hardy annuals from California, with rose-colored white and purple flowers, in delicate, but very brilliant shades. The plants are about 18 inches high and profuse bloomers. Mixed double, packet, 5c.



Finest Mixed Asters.

Acroclinium.

(Everlasting.) A very pretty, half hardy annual, producing white and rose colored double, daisy-like, flowers. These are the "Immortelles" so desirable for wreaths and winter bouquets. Height 15 inches. Album, pure white. Packet, 5c.

Amaranthus.

(Joseph's Coat.)

Tricolor, a hardy annual with leaves of red, yellow and green; well-known as "Joseph's Coat." The colors being especially brilliant if grown in rather poor soil. Packet, 5c.

Balloon Vine.

Remarkable for its inflated membranous capsules containing the seed. It is sometimes called "Love-in-a-Puff." A rapid and graceful climber. Flowers white. Tender annual; six feet high. Packet, 5c.

Balsam.

Lady's Slipper, or Touch-Me-Not.

Our Camellia-flowered strain produces the finest double blooms, and is quite a revelation compared with the old varieties. Sow in rich soil for the finest blooms. Packet, 5c.

Marguerite Carnation The plants of this wonderfully fine strain may be made to flower in four months. The flowers are large, double and very fragrant, and appear in very attractive shades of color. One of the best "pinks" in cultivation. Packet, 5c.

Centaurea (Bachelor's Buttons). Popular Everlastings, bearing hundreds of clover-like heads of different colors. Useful also for bedding and borders. Packet, 5c.

Castor Bean, or Ricinus Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Of very quick growth in rich soil. Tender annual, six to fifteen feet high. Packet, 5c.

Celosia, or Cockscomb A class of plants having colored foliage, and in which the innumerable small flowers and seed vessels, together with their supports, form a very brilliantly colored mass sometimes gracefully arranged like plumes and sometimes more dense, being corrugated and frilled at the edge like a cock's comb. Packet, 5c.

Chrysanthemum Chrysanthemums are showy and effective in the garden and desirable for cut flowers. Packet, 5c.



HIGH GRADE FLOWER SEEDS—Continued.

Coboea Scandens A fine rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet-blue. A well established plant; will run about thirty feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial. Packet, 5c.

Columbine (*Aquilegia*.) Every well regulated garden has a space devoted to hardy perennials, and no bed of perennials would be complete without a due proportion of Columbines. They are of the easiest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. Packet, 5c.



Cosmos.

Gaillardia Very showy and every garden, though they are as yet little cultivated. They always attract attention by their gay colors. Packet, 5c.

Godetia, or Satin Flower

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers, 3 to 4 inches across, of white, rose, crimson, lilac and spotted. Packet, 5c.

Helichrysum Large, full, double flowers of various shades of bright yellow and scarlet. Desirable as dried specimens and for use in making winter bouquets. For this purpose the flowers should be gathered when on the point of expanding. Hardy annual; one to three feet high. Packet, 5c.

Hollyhock The modern Hollyhock is entirely different and more beautiful than the plant of twenty years ago, being much more compact in growth, the flowers larger, richer colored, and the double varieties are fuller and of better form. For a background to a flower garden there can be nothing better. Hardy perennial; five feet high. Packet, 5c.

Humulus Japonicus (*Japanese Hop*.) A splendid annual climber for rapidly covering arbors, walls, terraces, etc. The foliage is large, dense and deliciously green, palmate and deeply lobed; has no insect pest and retains its foliage until frost. Self-sowing after first year. Packet 5c.

Ice Plant A singular plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice; flowers white. Start early in pots and transplant into light, sandy soil in a warm situation. Tender annual. Packet, 5c.

Ipomoea Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors or stumps of trees they are invaluable. Mixed. Packet, 5c.

Lantana Very rapid growing tree flowering plants that bloom continuously through the summer and may be preserved through the winter in a light cellar. The plants form small shrubs, producing in abundance heads of variously colored flowers that emit a powerful aromatic fragrance and continually change color. They are succeeded by green berries that turn to a deep blue. Finest French Hybrids Mixed, Packet, 5c.

Convolvulus Minor (*Dwarf Morning Glory*.) Dwarf plants of trailing, branching habit, each covering a space about two feet in diameter. At mid-day they are completely covered with a mass of pure white and brilliant, many colored blossoms, which remain open in clear weather till evening. Half hardy annual; one foot high. Mixed, packet, 5c.

Cypress Vine A most beautiful climber with delicate, dark green, feathery foliage and an abundance of bright, star-shaped, rose, scarlet or white blossoms, which contrast most effectively with the graceful foliage. Tender annual; about 15 feet high. Scarlet, packet, 5c.; White, packet, 5c.; Mixed, packet, 5c.

Early Flowering Cosmos I have secured an early flowering strain which is sure to come into bloom long before frost, when started out doors, and will give a great profusion of bloom until late in the autumn. Packet, 5c.

Daisy, or Bellis Perennis A favorite plant, in bloom from April to June. The seed I offer is saved from the finest first-quality double flowers only. Daisies can be easily raised from the seed sowing in the spring. Packet, 5c.

Eschscholtzia (*California Poppy*.) The State flower of California. A genus of the Poppy family, fully as valuable as the common Poppy for garden ornamentation, as it blooms almost continually throughout the season. A bed of these in full bloom is most handsome and beautiful in color. Hardy annuals; height, one foot. Mixed Packet, 5c.

Forget-Me-Not (*Myosotis*.) A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Packet, 5c.

Four O'Clock (*Marvel of Peru*.) The plants are large, and each needs three or four feet of space each way for its best development. The flowers are funnel-shaped, white, red, yellow or striped with these colors, and open about 4 o'clock in the afternoon. Packet, 5c.

Foxglove (*Digitalis*.) Grows to the height of three or four feet, affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials. Packet, 5c.



Hibiscus.

Gourd (*Cucurbita*.) A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; 10 or 20 feet high.

Dish Cloth A rapid climber, having long, green fruit, the inside fibrous mass of which, when the shell and seeds are removed, makes an excellent bath sponge. Packet, 5c.

Orange The well known Mock Orange. Packet, 5c.

Pear Shaped Striped yellow, green and cream. Packet, 5c.

Heliotrope Highly valued for the fragrance of their flowers and duration of bloom. Half hardy perennial, blooming the first year from seed. Dark varieties. Mixed. Packet, 10c.



Lantana.



HIGH GRADE FLOWER SEED—*Continued*



Nasturtium.

Dwarf Nasturtiums (*Tropaeolum Minor*).—A bed of dwarf Nasturtiums in the yard is very brilliant and attractive, blooming all the season. Hardy annual; about one foot high. Packet, 5c.; 1 oz., 15c.

Trailing Nasturtiums This differs from the common running Nasturtium in being less rank growing, more floriferous, and having richer, more varied colored flowers of many shades, from the richest scarlet to very deep maroon. Fine for covering arbors, trellises and rustic work. Half hardy annual; about ten feet high. Packet, 5c.; 1 oz., 15c.

Pinks Double China, Mixed. A mixture of the finest strains, sure to give very fine flowers. Packet, 5c.

Pansy Very large Flowered, Mixed. An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous, compact growth, with immense, three blotched flowers. Pkt., 5c.

Petunia Petunias are unsurpassed for massing in beds. Their richness of color, duration of bloom and easy culture will always render them popular. The modern improved varieties are in this mixture. Packet, 5c.

Poppy (*Papaver*.) Well known hardy annuals and perennials flowering in great profusion throughout the summer. Sow early in the spring where the flowers are to bloom, and cover lightly. Packet, 5c.

Pansy Plants Grown from Large, Flowering Choice Seeds. Will be ready April 1st for outdoor planting. Plant clumps, 5c. each, 6 for 25c.

Hibiscus Africanus A very vigorous plant of easiest culture, about two feet high and producing large, handsome, cream colored, single flowers. Hardy annual. Packet, 5c.

Larkspur Double Dwarf Rocket, Mixed. Produces beautiful spikes of double flowers in many shades. Hardy annual; one foot high. Packet, 5c.

Lobelia A most elegant and useful genus of plants of easy culture and well adapted for bedding, pots or rockeries. They make a neat edging for beds of white flowers, and are very effective in masses, being always completely covered with flowers.

Love-in-the-Mist (*Nigella*.) This singular plant is also known as Lady-in-the-green and as Devil-in-a-bush because the blossoms are partly concealed by the abundance of finely cut foliage. The plant and flower are each handsome and require but little care. Hardy annual. Packet, 5c.

Lupin Very conspicuous plants with spikes of pea-shaped blossoms of various colors. Looks well as a background to other lower growing annuals. Hardy annual; about three feet high.

Marigold No flower garden seems complete without this fine, old-fashioned flower. The African varieties are tall, usually two feet or more, while the French are more dwarf; all are desirable. Hardy annuals; in bloom till frost comes. Double mixed. Packet, 5c.

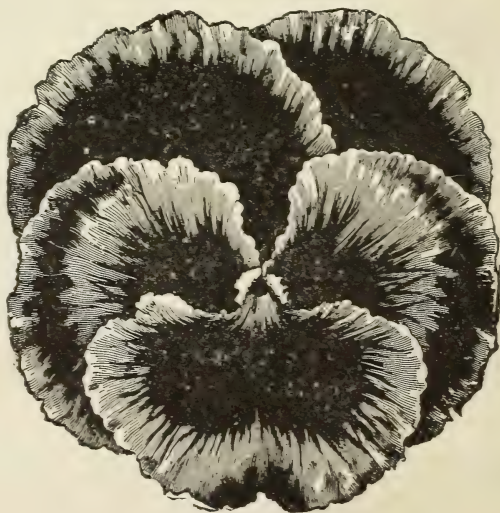
Mignonette, Sweet Of dwarf and vigorous growth, with numerous stout flower stalks, terminated by massive spikes of red flowers. One of the very best. Packet, 5c.

Moon Flower (*Grandiflora*.) During dull days and at night the plants are covered with an abundance of large, pure, white fragrant flowers. Five to six inches in diameter. Packet, 10c.

Morning Glory Handsome, showy climber suitable for covering windows, trellises, old stumps, etc., if support be given the vines. Hardy annual; 10 feet high. Mixed, packet, 5c.

Phlox Drummondii Very hardy annuals, unequaled in the magnificent display of their many and brilliantly colored flowers. They will grow even in poor soil, but in order to develop to their highest perfection, must have rich soil and must be given room. Choice mixed, packet, 5c.

Pinks Double Japan. To be properly appreciated, these should be seen; rich in hue, very double, deeply fringed petals; only lacking fragrance to make them perfect. Half hardy biennial, blooming freely the first season. Mixed, packet, 5c.



Extra Large Pansies.

HIGH GRADE FLOWER SEEDS—*Continued*

Portulaca There are few flowers in cultivation that make such a dazzling display of color in the bright sunshine as a bed of portulacas. They are in bloom from about the first of July till killed by frost in autumn. The seed requires a moderately high temperature. Fine mixed. Packet, 5c.

Salvia (Scarlet Sage) Splendens

Large, brilliant scarlet flowers are in these plants afforded a rich, dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns, as in growth it is more vigorous than the more dwarf varieties. Packet, 10c.

Sensitive Plant

An interesting and curious plant with globular heads of small pink flowers. The plant is chiefly valued because of the extreme irritability of its leaves which close and droop at the slightest touch. Packet, 5c.

Snapdragon

(*Antirrhinum*). An old border plant with dark and glossy leaves and long spikes of curiously shaped, brilliantly colored flowers, having finely marked throats. They have been much improved of late years by careful selection. Snapdragons blossom the first season from seed sown in spring, specially under frames. Fine mixed. Pkt., 5c.

Stock—Double German Ten Weeks

These favorite summer flowers are excellent for bedding out and afford fine blossoms for cutting. Mixed, Pkt., 5c.

Sunflower

Very beautiful; blooms all summer and fall; small green foliage, fine golden-yellow flowers with black disc, 2 to 3 inches across; splendid for cutting; 3 to 4 feet. ½ oz., 15c.; packet, 5c.



Salvia.



Verbena.

Sweet Peas See pages 38 and 39.

Sweet William

A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. Nothing surpasses this old rugged favorite for clumps or borders. Hardy perennials; about one foot. Packet, 5c.

Verbena

No plant is more generally cultivated than the Verbena, and no plant excels it for masses in beds on the lawn. Flowers perfectly well from seeds started in the house in pots or shallow boxes in early spring, or seeds sown in May will bloom in August. Fine mixed, packet, 5c.

Violet

(*Viola Odorata*.) The Violet should not be wanting in any garden on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Hardy perennial. Packet, 10c.

Wallflower

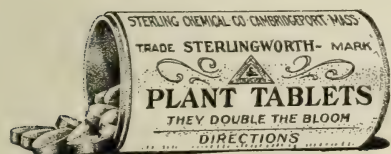
Well-known, very fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; prized for bouquets; protect in winter. Half hardy perennials. Blooms first season from seed. Packet, 5c.

Zinnias

One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form moderate-sized dahlias. Choice mixed, packet, 5c.

STERLINGWORTH PLANT TABLETS

A New Invigorator for House Plants and Vegetables



STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure" and "bone plant" foods, which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient for 35 plants 8 months, 50c. postpaid; medium (100 tablets), sufficient for 35 plants 3 months, 25c. postpaid; trial size, 10c.



"New Spencer" Sweet Peas

Giant Orchard-Flowering

NEW WAVED TYPE SPENCER SWEET PEAS.—During the past few years an evolution has been going on in the Sweet Pea world, which has resulted in the creation of a glorious new giant flowering class, a type distinct in form, size and beauty.

These new Sweet Peas are distinguished for their gigantic size, usually measuring 2 inches across; the bold, erect standards are uniformly waved, crimped and fluted in exquisite fashion; the charming blendings of harmonious colors; the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers and the large number of flowers on the stem, usually from 3 to 4. The following 19 sorts comprise a collection of New Giant Waved type Spencer Sweet Peas.

CULTURAL NOTE.—The seed should be sown in new ground as early as it can be worked in the spring to enable the vines to make a good, strong growth before the hot weather sets in. White-seeded sorts should not be sown until the ground is comparatively dry and warm. Fall plantings give the best bloom; plant in September and October, 4 to 6 inches deep, giving slight protection, and they will become well rooted and grow off at the first opening of spring and yield an abundance of bloom earlier and for a longer season than if planted in the spring. Use plenty of well-rotted manure, and don't gather the blooms grudgingly—the more you pick them the longer and better they will bloom.



APPLE BLOSSOM SPENCER.—An immense Spencer with bright rose standard and primrose wings; wavy, fluffy and beautiful. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; per pound, \$2.00.

ASTA OHN.—The best Lavender Sweet Pea. Flowers are very large and beautifully waved. A very charming variety. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BLANCHE FERRY SPENCER.—A giant type of Spencer form, with rose standard and wings; white, suffused and tinted with light pink. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

COUNTLESS SPENCER.—The type of a new race. The open-form flowers are of great size and wavy margins. Countess Spencer is a bright, clear pink, a little deeper at edges. Packet, 10c.; 1 oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FLORENCE MORSE SPENCER.—Delicate blush, with pink margin. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FRANK DOLBY.—Fine lavender of Unwin type; wavy. It is larger and finer than any other lavender Sweet Pea. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

FLORA NORTON SPENCER.—Very nicely waved. The color is bright blue with tint of purple. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FLORENCE NIGHTINGALE (NEW).—The largest and best lavender. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

GLADYS UNWIN.—A bold flower, with striking upright standard, which is crinkled and waved; broad wings. Of a lovely light pink color. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

GEORGE HERBERT.—An extremely gorgeous variety. The flowers are generally borne four on a stem, of the largest size, and both standard and wings beautifully fluted. They are of a bright rosy carmine. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

HELEN LEWIS.—Large, wavy, orange-pink variety of the Spencer type. The orange-rose wings roll and fold. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JOHN INGMAN.—Rose carmine, with veins of deeper shade. A bold, handsome flower; very large, open form, with wavy edges. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

KING EDWARD SPENCER.—The best, pure red Spencer; very large, with especially immense wings; pure sun-proof. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

MARIE CORELLI.—A bright, glowing crimson; almost self colors; fine, large flowers; beautifully waved. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

NORA UNWIN.—A very pure white variety. The flowers, which are usually borne three on a stem, are beautifully waved and fluted, of giant size and with erect, spreading standard; wings curved close to the keel. Packet, 10c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

PRIMROSE SPENCER.—The Primrose Spencer has very large petals, which are wavy and fluted at the edges, giving the blossom a very graceful and pleasing appearance. The color is a distinct primrose, without the least trace of pink. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

WHITE SPENCER.—It is beautiful and graceful, with standard and wings of pure white; beautifully waived and fluted. Unquestionably the finest White Sweet Peas in existence. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

W. T. HUTCHINS.—Soft buff, primrose and bluish, shading to apricot pink at the margin; flowers large and wavy. A splendid variety. Packet, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

MIXED SPENCERS.—Contains practically all the true Spencer varieties. Packet, 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



SWEET PEAS—STANDARD SORTS

WHITE

BLANCHE BURPEE.—Superb, pure white; immense size, perfect form.

EMILY HENDERSON.—Splendid pure white; good for forcing.

SADIE BURPEE.—One of the largest pure white Sweet Peas.

PINK AND WHITE

BLANCH FERRY.—Popular pink and white.

BLANCH FERRY, EXTRA EARLY.—Popular pink and white; ten days earlier.

EARLIEST OF ALL.—A splendid pink and white variety.

LIGHT PINK.

APPLE BLOSSOM.—Bright rose and pink. Beautiful shade.

DAINTY.—White, with pink edge.

KATHERINE TRACY.—Soft brilliant pink.

LOVELY.—Beautiful shade of soft shell pink.

MRS. GLADSTONE.—Clear, bright, light pink.

STRIPED AND MOTTLED

AURORA.—White, with stripes or flakes of orange pink.

JESSIE CUTHBERTSON.—Creamy white, striped and flaked with dark rose.

SENATOR.—Maroon and violet; striped white.

SHADES OF RED

FIRE FLY.—Brilliant fiery scarlet.

HER MAJESTY.—Beautiful deep rose.

KING EDWARD VII.—Bright crimson; very large flowers.

LORD ROSEBERRY.—Rose-carmine, with veins of deeper rose.

MRS. DUGSDALE.—Beautiful deep rose.

PRINCESS OF WALES.—Bright rose; self-colored.

SALOPIAN.—Splendid brilliant scarlet; nearly sun-proof.

LAVENDER AND LIGHT BLUE

COUNTESS OF RANDOR.—Standard delicate lavender; wings dark mauve.

DOROTHY TENANT.—Standard rosy mauve; wings bluish mauve.

HELEN PIERCE.—Very bright blue; mottled on pure white.

LADY GRISEL HAMILTON.—Light Lavender, sky blue wings.

Prices on above, except where noted: Pkt. 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

CHRISTMAS OR EARLY FLOWERING, SWEET PEAS

CHRISTMAS PINK.—Pink and White.

CHRISTMAS WHITE.—Pure white.

MRS. CHAS. H. TOTTY.—Lavendar.

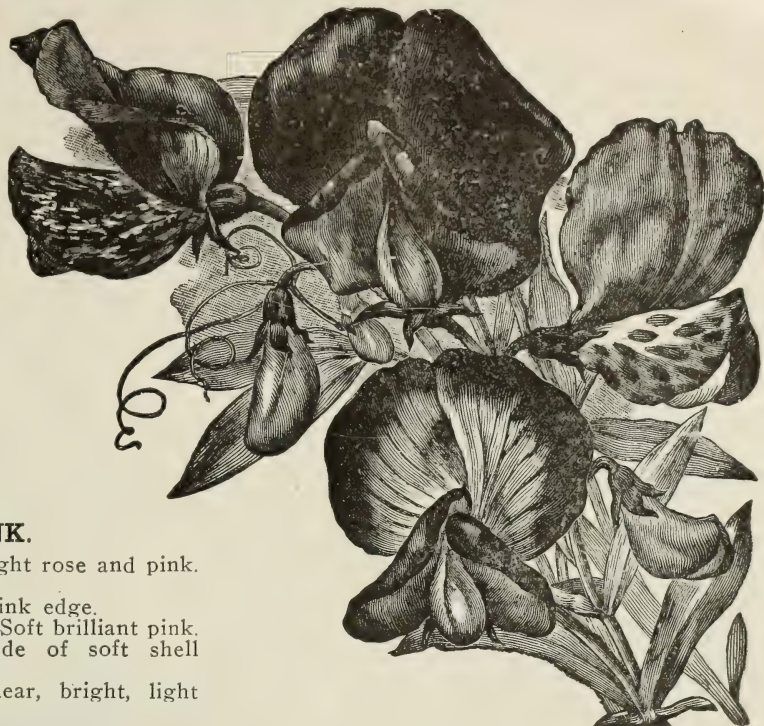
MRS. F. J. DOLONSKY.—Pink.

BULBS ARE NOT SENT POSTPAID.

Caladium Esculentum Elephant's Ear. Leaves three feet or more in length, nearly as broad. Large-sized bulbs, each 15c. Medium-sized bulbs, 10c.

Cannas The Canna is one of the most beautiful of all bedding plants. Plant outdoors about the middle of May. Set the bulbs 1 to 2 feet apart. Roots, 5c. each; 50c. a dozen.

Dahlias The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, until stopped by frost. Especially fine for cut-flowers. Each, 10c.; dozen, \$1.00.



MRS. WALTER WRIGHT.—Flowers self-colored of a pinkish cream tint.

MAID OF HONOR.—Almost white, with light bluish lavender edge.

PHENOMENAL.—White, shaded rosy lavender; wavy petals.

ORANGE PINK

BOLTON'S PINK.—Rich salmon pink.

LADY MARY CURRIE.—Orange pink; shades, rosy lilac.

VENUS.—Lovely salmon buff; striped rosy pink.

LIGHT YELLOW

MRS. ECKFORD.—Beautiful primrose yellow.

BLUE AND PURPLE

LORD NELSON.—Deeper and richer shade than Navy blue.

CLARET AND MAROON

OTHELLO.—Glossy maroon; self-colored; elegant.

MIXED

MIXED.—All colors. A magnificent mixture of beautifully colored, large, flowering Sweet Peas.

Price: Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Prices on all Christmas Sweet Peas, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; per lb., \$1.00.

CHRISTMAS METEOR.—Bright red.

MRS. W. W. SMALLEY.—Buff or chamois pink.

Prices on all Christmas Sweet Peas, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; per lb., \$1.00.

SUMMER FLOWERING BULBS

Gladiolus One of the most attractive of summer flowering bulbs. Excellent for mixed beds, and produce gorgeous effects if massed in large clumps. Extra-sized bulbs, per dozen, 30c.; per 100, \$2.

Madeira Vine Roots On account of its very rapid growth and thick shade, this is one of the most popular climbers. Each, 5c.; dozen, 25c.; 100, \$2.25.

Tuberose The Tuberose is a beautiful, wax-like, very sweet-scented, double flower, growing on tall stems. Our Tuberose are all first-sized, and splendid bulbs. Per dozen, 20c.; per 100, \$1.50.



Desirable Grasses and Clover Seeds

Write for Latest Quotations.

FOR THE FARM Prices subject to Market Changes.

Timothy (*Phleum pratense*.) A field and not a pasture grass, as it will not endure close and frequent cropping, but for a hay crop on strong soils it will produce more than any other sort. $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre. Bushel, 45 pounds.

Orchard Grass (*Dactylis glomerata*.) One of the very best pasture grasses, as it is exceedingly palatable to stock, and will endure a good deal of cropping. $1\frac{1}{2}$ to 2 bushels per acre. Bushel, 14 pounds.

Kentucky Blue Grass Is the most nutritious, hardy and valuable of all Northern grasses. For meadow or pasture, sow about 28 pounds per acre. Sow early in the spring or in October or November. Bushel, 14 pounds.

Perennial Rye Grass (*Lolium perenne*.) Valuable for permanent pasture in mixture with other pasture grasses. $1\frac{1}{2}$ to 2 bushels per acre. Bushel, 24 pounds.

German or Golden Millet Medium early forage plant, prolific in stalk and grain. 50 pounds to an acre. Bushel, 50 pounds.

Red Top, Fancy (Cleaned from chaff.) It is a good, permanent grass, standing our climate well, and makes good pasture when fed close. Is valuable for low, wet meadows, producing a large return in good hay. Sow in spring and fall. 8 to 10 pounds per acre. Bushel, 14 pounds.

CLOVER SEEDS

Medium Red (*Trifolium pratense*.) Excellent for pasture or hay; valuable as a green manure and should be in all grass mixtures. Eight to ten pounds per acre when sown alone. Market price.

Mammoth, or Sapling (*Trifolium pratense*.) Used largely for plowing under for manure. By judicious use exhausted lands can be reclaimed, as it will grow where common clover will fail. Eight pounds to the acre. Market price.

Alsike, or Swedish (*Trifolium hybridum*.) Thrives in rich, moist soil. Does not succeed on high, dry lands. Six pounds per acre. Market price.

Alfalfa, or Lucerne (*Medicago sativa*.) Where this succeeds it is the most valuable of all the clovers; requires a very fine, mellow, deep soil. Sow 20 pounds to the acre. Market price.

Scarlet, or Crimson (*Trifolium incarnatum*.) Most valuable crop for green manuring, soiling, hay, pasture and ensilage. It is an annual and must be sown every year. Improves worn-out and poor soils, and is the cheapest and best fertilizer. Being a winter crop, it should be sown in August and September. Sow 10 to 15 pounds per acre. Bushel, 60 pounds. Market price.

White (*Trifolium repens*.) Valuable to mix with lawn grass; should be in every mixture for permanent pasture. Market price.

MISCELLANEOUS FARM SEEDS

Write for Special Prices in Quantity Lots.

Cow Peas Throughout the South this Pea has always been valuable for the improvement of the soil, being to the South what clover is to the North. The seed is ground and used for cattle fodder. The stalks and leaves make excellent fodder when fed green. It is also highly recommended for ensilage when mixed in silo with green corn stalks. In the North it is considered superior to clover for plowing under as a preparation for wheat, as it matures the first year from seeding. Poor, sandy soil may be made into a fertile loam by plowing under a crop of Cow Peas. Plant seed in a thoroughly-pulverized, warm soil. If wanted to plow under for manure, sow in drills one foot apart. If grown for fodder or for the seed plant three and one-half feet apart and cultivate thoroughly. Price sent on application.

Hairy or Winter Vetch This is one of the most valuable forage crops for the South, but requires to be sown in the fall for best results. Can be sown any time from July to October. Succeeds admirably sown at the last working of corn or cotton with winter oats or wheat. Should be sown at the rate of 20 to 30 lbs. to the acre with one bushel of oats or three-fourths bushel of wheat. The oats or wheat helps to hold the Vetch off the ground, enabling it to make a better growth. Present price of Hairy Vetch: lb. 12c.

Dwarf Essex Rape This crop is very highly recommended for pasturage for sheep and cattle, furnishing most rich and nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. Sow 3 to 5 lbs. per acre in drills; 6 to 8 lbs. per acre broadcast. Pound, 10c.

Virginia Gray Winter Oats Also called Winter Turf Oats. Virginia Gray Winter Oats has proven immensely popular and satisfactory wherever it has been grown. While it is the standard variety in Virginia, much grown there, it is as yet not so well known nor so largely grown in some of our Southern States as it should be.

SORGHUM.

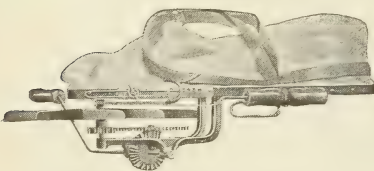
Early Amber Cane The earliest and makes the finest quality of forage and syrup. Best seed.

Early Orange Cane A strong grower; stalks heavier and a little later than Amber. Best seed.

BUCKWHEAT.

New Japanese This new sort has proven to be much earlier and more productive than any other variety. Grains very large and rich brown color. It excels all in yield and earliness.

SIMPLE AND STRONG Sows Accurately



Lightest Running Seeder
Made

COLUMBIA BROADCAST SEEDER

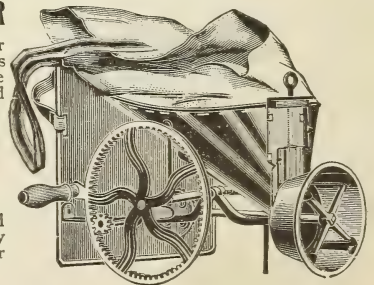
It is the lightest running Seeder made. Sows all kinds of Grass Seeds satisfactorily. Has force feed, steel brace, hand hold and shield.

Price, \$1.50.

CAHOON BROADCAST SEED SOWER

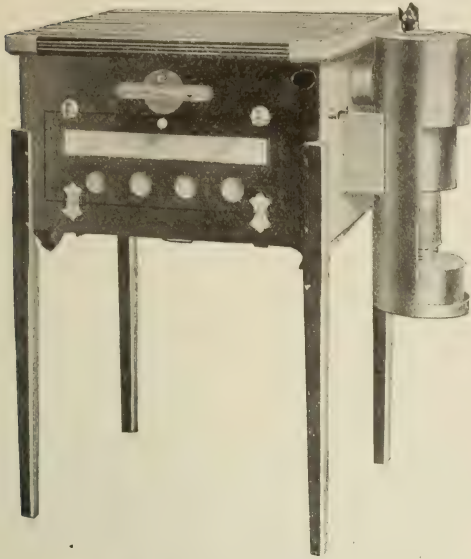
One of the most practical and satisfactory machines for accurately sowing Timothy, Clover and other similar seeds.

Price, \$3.00.





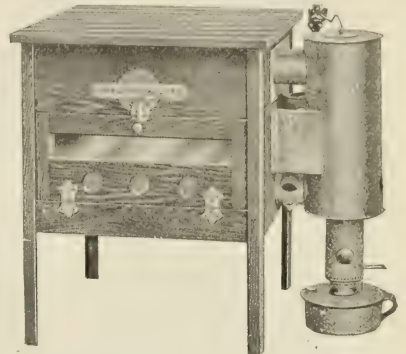
The Mandy Lee Incubators and Brooders



100-Egg Capacity.

Three things are necessary to make every hatch a success and these things are correct heat, ventilation and moisture maintained in the egg chamber in correct proportion during each of the 21 days of incubation. The Mandy Lee Incubator has all these essentials, and will hatch fertile eggs every trial it is given, and the chicks will be strong, vigorous and easy to raise. Besides, the Mandy Lee is constructed right, being built of California Redwood, which does not readily crack, warp or shrink. In short, it is a high-class Incubator throughout and stands abreast with the best ones on the market. For fuller information ask for a Mandy Lee Incubator and Brooder Catalogue—it is free. Price,

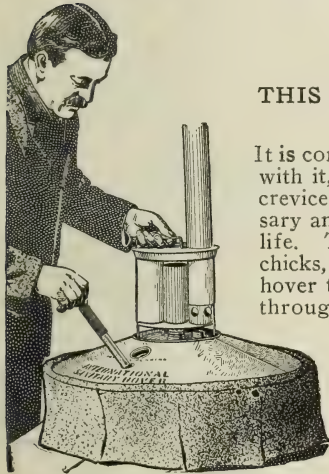
60-egg size,	\$10;
100-egg size,	\$18;
150-egg size,	\$24;
200-egg size,	\$27;
300-egg size,	\$35;
600-egg size,	\$65;



Mandy Lee, Jr., 60-Egg Capacity.

International Sanitary Hover

THIS IS THE ONLY HOVER IN EXISTENCE THAT HAS MET THE APPROVAL OF LEADING POULTRY RAISERS.



International Sanitary Hover.

It is constructed of heavy galvanized iron, suggesting "sanitary" in connection with it, for no mites or other vermin can collect because there are not cracks or crevices like the wood hovers. It can be easily cleaned and sprayed when necessary and will last a life-time and give perfect brooding service every day of that life. The lamp-holder can be removed in an instant without disturbing the chicks, because the lamp-holder is a part of the cover easily detached from the hover top. The thermometer has a handle within easy reach which drops down through the top, and the bulb hangs down among the chicks at their back level.

It is only necessary to raise thermometer to learn the temperature. International Sanitary Hovers raise from 90 per cent. to 92 per cent. of the chicks and develop them healthy and with strong vitality. There are many features this hover enjoys which space will not allow explaining. Call and examine this hover. We have one set up and will be pleased to show them to you. Price, complete, \$8.50.

MANDY LEE BROODER, No. 1

LAMP HEATED.—INDOOR USE ONLY.

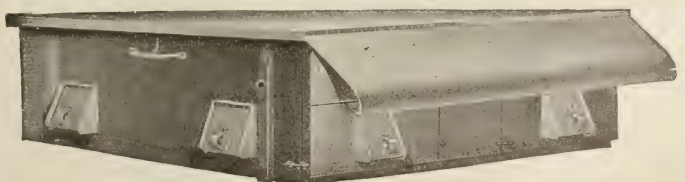
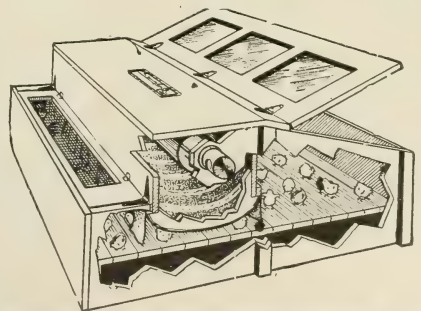
Generally Known as the Regular Brooder.

The Mandy Lee Brooder is, of outside dimensions, 3x4 feet in size. It is as large as any 200-chick brooder on the market, but we call it only 100-chick size—50 chicks on each side of the Hover. It will hold more, but it does not pay to crowd. Better have 100 healthy chicks in your brooder than 200 weakly, sickly chicks. The cost of a few brooders is insignificant as compared to the value of a season's hatch. Price, \$13.00.

MANDY LEE FIRELESS BROODER

The illustration shows the Mandy Lee Fireless Brooder closed, ready for use, with metal top and rain-shield; storm and vermin-proof adjustable ventilators both in front and on the sides; addi-shield. Handsome and durable; can be used either indoors or outdoors with equal success.

The Mandy Lee Fireless Brooders are made in two sizes—100-chick size at \$5.00, and 200-chick size at \$8.00.





POULTRY AND PIGEON SUPPLIES

RED COMB POULTRY FEED

CONTAINS NO GRIT OR SHELL.

PRICES RULE IN JANUARY. SUBJECT TO CHANGE WITHOUT NOTICE.

Red Comb Poultry Feeds are rapidly becoming recognized by successful poultry raisers as the standard for egg and flesh production. They are composed of choice grains and seeds, carefully selected as regards purity, cleanness, sweetness and freshness, and are mixed with such care that each mixture is a scientifically balanced ration for the purpose for which it is intended. They stand pre-eminent in the realm of poultry feeds today.

RED COMB POULTRY FEED.—A combination of various grains, coarsely cracked. Just the thing to insure heavy yield of fertile eggs. 10 lbs., 30c.; 50 lbs., \$1.25; 100-lb. bag, \$2.00.

RED COMB CHICK FEED.—A carefully balanced mixture of many different seeds and grains proportioned to the needs of the growing chick. This food keeps chicks free from indigestion and bowel trouble. Will reduce the loss to a minimum. 10 lbs., 30c.; 50 lbs., \$1.25; 100-lb. bag, \$2.25.

RED COMB COARSE CHICK FEED.—A developing food composed of whole grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. This feed also contains charcoal and grit. 10 lbs., 30c.; 50 lbs., \$1.25; 100 lbs., \$2.25.



RED COMB PIGEON FEED.—Composed of the very best hard red winter wheat and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements, and is so perfectly balanced that no organism is neglected. Pigeon breeders who have used Red Comb Pigeon Feed pronounce it invaluable in productive incubation and rapid development of the young; 10 lbs., 30c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

RED COMB MEAT MASH (Ready Mixed for Daily Mash).—Is the best balanced ration from which to make the morning mash, whether for chickens, pullets, hens, cockerels, capons, ducks, turkeys or geese. It is made from the best selected grains and contains no oat hulls or waste. The makers of this food manufacture nothing in the way of foods except poultry foods, and consequently have no by-products, as is the case with other manufacturers. Can be fed dry as well as steamed. Prices: 10 lbs., 30c.; 50-lb. bag, \$1.25; 100-lb. bag, \$2.00.

BARVA MEAT MEAL HIGH PROTEIN BEEF SCRAP.—Is pure, lean-beef fibre, carefully dried while fresh, and will keep indefinitely. Its thorough dryness, and the entire absence of any taint or unpleasant odor, make it a most excellent form of food for chickens and other fowls. It is excellent for hopper feeding; and may be mixed and fed in a mash to great advantage. It contains 85 per cent protein and 7 per cent fat. It causes rapid growth in chicks, assists in securing a heavy egg yield, and helps the birds during the moulting season. 5 lbs., 25c.; 50 lbs., \$2.00; 100 lbs., \$3.75.

LEE'S EGG MAKER AND CHICK GROWER.—Lee's Egg Maker is largely granulated blood (deodorized), the most highly concentrated form of meat food, one pound of which is equal to 16 pounds of fresh meat, and which has an actual tested protein feeding value in excess of 80 per cent. There is not one ounce of bran, sand, shell, or other cheap and worthless filler in our product. No other poultry food looks like it, smells like it, or resembles it in any way. Prices: 2½-lb. pkg., 25c.; 5½-lb. pkg., 50c.

CONKEY'S EGG PRODUCER AND LAYING TONIC.—To lay eggs regularly the fowls' health must be in as near perfect condition as possible. Conkey's Egg Producer is so proportioned as to act on the internal organs and put the hens in a laying condition. It is also a valuable remedy at moulting season, as it keeps up the fowls' strength, makes the feathers develop properly, shortens the moulting period, and brings an early production of eggs.

Price: 1¼-lb. package, 25 cents; 3¼-lb. package, 50 cents.

SHORT CUT ALFALFA CLOVER.—No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent. pure clover. 5 lbs., 20c.; 10 lbs., 30c.; 100 lbs., \$1.75.

CHARCOAL.—Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. Grade "3X," medium chick size, and grade "4X," coarse granulated. 2-lb. cartons, 10c.; 5 lbs., 20c.; 10 lbs., 30c.; 50 lbs., \$1.00.

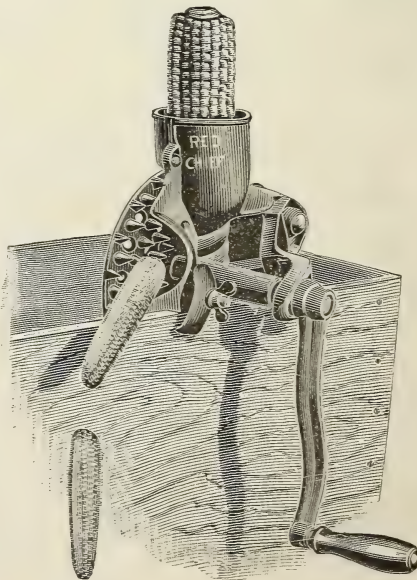
CRUSHED OYSTER SHELLS.—Important as an egg-shell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks; No. 2 for adults. 10 lbs., 10c.; 100 lbs., 75c.

COMPLETE GRIT.—Hard, sharp, clean, light colored. Contains Lime, Magnesia, Iron, Sulphur. No. 1, chicks; No. 2, pullets; No. 3, hens, ducks and turkeys. 10 lbs., 10c.; 100 lbs., 75c.

SEED AND GRAIN.—Wheat, Millet, Barley, Hemp, Canada Peas, Kaffir Corn, Sunflower, etc. Market prices.

The Red Chief Corn Sheller

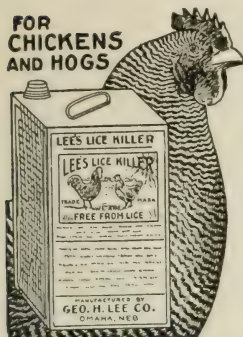
MADE OF BEST MATERIAL.—Clamps on barrel or tub as easily as on box. Has closed hopper, making it impossible for operator to pinch hand. The only safe sheller for shelling corn. Price, each, \$1.50.





POULTRY AND PIGEON SUPPLIES

FOR
CHICKENS
AND HOGS

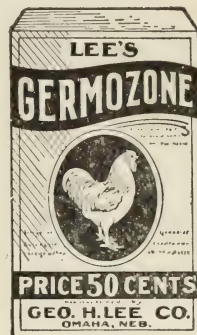


Lee's Lice Killer

The kind that is always good; destroys all vermin—lice, mites, jiggers, bedbugs, etc., whether in the poultry house or on the bodies of the fowls, and does its work thoroughly and effectively. It does not require contact with the vermin for Lee's Killer to kill. Painted or sprinkled on roosts or dropping-boards an hour before roosting time it kills not only the mites or lice with which it comes in contact, but also all vermin on the bodies of the chickens. Quart, 35c.; half gallon, 60c.; gallon, \$1.00.

Lee's Germozone

The most popular poultry medicine ever placed on the market. The best preventive and cure for ROUP, CHOLERA, BOWEL COMPLAINT and other poultry diseases, most of which usually originate from similar causes. Given in the drinking water twice a week, it cures disease, prevents contagion and keeps the fowls in a healthy, vigorous condition. Prepared either in tablet or liquid form, and will be sent, postpaid, on receipt of price. Price, 50c.



Conkey's Poultry Remedies

Roup Cure, 25c. and 50c. size. Lice Powder, 10c., 25c. and 50c. Lice Liquid, qt., 35c. Poultry Tonic, 25c. and 50c. Gape Remedy, 50c. Cholera, 25c. and 50c. size. White Diarrhoea, 50c. Limberneck Remedy, 50c. Chicken Pox Remedy, 50c. Scaly Leg Cure, 50c. Head Lice Ointment, 10c. Ant Chaser, 25c. Bug and Moth Killer, 25c. A complete catalogue of Conkey's Remedies sent on request.



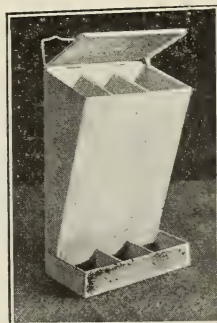
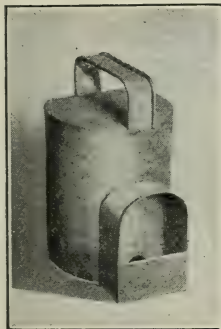
Model Galvanized Iron Wall Fonts

These Founts are very handy, as they may be hung up on the side walls of the poultry house, so as to prevent litter getting in the water. They are made of heavy galvanized iron and possess an improvement which enables the user to clean them readily, which cannot be done with the old-fashioned wall fount. They are largely used by pigeon keepers, being especially adapted for that purpose. Prices: 1-gal. size, 50c. each; \$2.75 for six. 2-gal. size, 75c. each; \$4.25 for six.



Model Galvanized Iron Grit and Shell Boxes

No poultryman can afford to be without these handy boxes. They are made with two or three compartments so as to hold separately shells, grit, charcoal, beef scrap, or any other food. They are made to be hung on the walls of the pen, and are very effective for preventing waste of food. Made of heavy galvanized iron. They will last for years. Prices: Small size, 3 compartments, 50c. each. Large size, 2 compartments (dry feeding), 75c. each.



Davis' Food and Water Fountain

It is the best chick fountain ever invented, because it is hung up out of the dirt and litter and chicks can't get in it to get wet.

Holds any size or shape of bottle or fruit jar. A large bottle is best for water, while with a Mason fruit jar it makes an ideal feeder for grit, oyster shells, etc. Price, 25c. each. Short Brooder size, to hold pint Mason fruit jar, 20c. each.

We do not include bottles or cans with fountains.

Stoneware Drinking Founts—1 quart, 25c.; 2 qts., 30c.; 4 qts., 40c.; 8 qts., 50c.



LEG BANDS.

For Poultry and Pigeons.

	Per doz.	Per 100.
Spir-ol (Celluloid), made in seven colors.....	20c.	\$1.25
Leader Adjustable	15c.	65
Eclipse	15c.	65

Latest and best adjustable Leg Band out. Has neatest, most compact and smoothest fastening of any adjustable band on the market. Easily attached, absolutely secure and has no catching points.

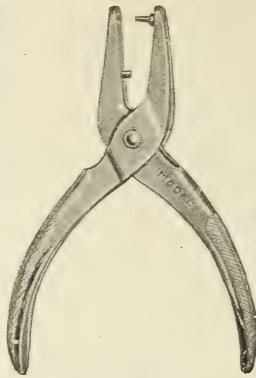
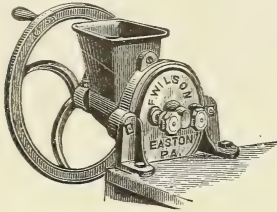




No. 1 Poulterer's Mill

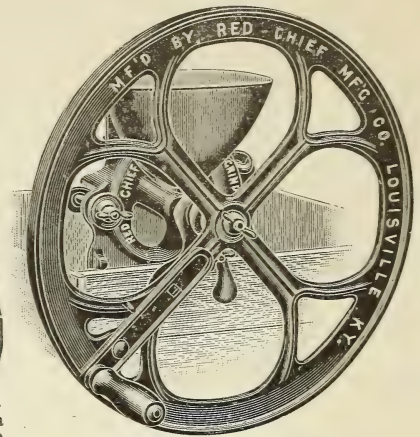
The No. 1 Hand, Bone, Shell and Corn Mill
For the Poultryman.

This Mill will grind or granulate dry bones, shells, grit, gravel, stones, old crockery, glass, charcoal, corn, walnuts and all kinds of grain. It is also a splendid machine for the house-keeper for grinding stale bread, crackers, roots, barks, etc. Price, \$4.00.



TOE MARKER.

This Toe Marker is accurately fitted for cutting a clean hole. A high-grade tool in every particular. Price, 35c.



RED CHIEF MILL

The only mill that can be used with good results either with or without the flat Burr, and can be cleaned and adjusted in a moment's time without the use of a wrench.

An Ideal Mill for cracking grain of any kind for poultry and stock. Price, \$4.00.

MANN'S GREEN BONE CUTTER

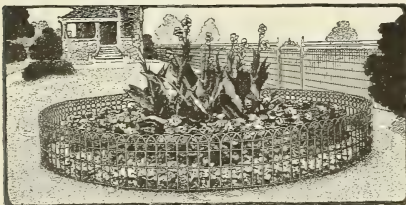
NEW MODEL No. 7.—Intended for flocks of 40 to 100 hens. Mounted on strong iron stand with large table for box or pan to receive cut bone. Price, \$12.00.

No. 3 B. M.—Intended for flocks of 15 to 25 hens. Can be used for flock of 50 hens. Price, \$10.40.

No. 5 B.—This machine is exactly the same as No. 5 B. M., except that it has not the iron stand. The capacity is the same. Weight, 60 lbs. Price, \$8.00.

LAWN AND GARDEN REQUISITES

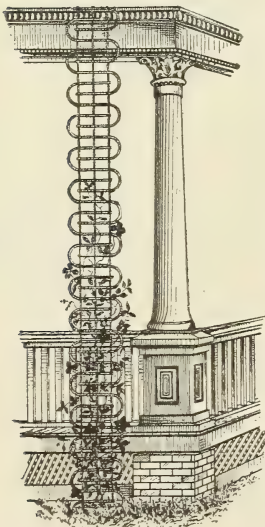
PERFECTION FLOWER GUARD



Easily applied to any form or size of flower bed. Not expensive. This border not only protects, but adds to the beauty of every flower bed.

Per running foot, height, 18 ins., 8c.

Special prices in large quantities.



Trellis.

REVERO GARDEN HOSE



Price, per foot, 18 cents.

The Ideal Garden Hose for the Lawn, Stable, Green House.

The fact that "REVERO" is light and flexible with no natural tendency to kink, together with its marvelous durability, commends it at once as the best general service hose.

RUBBER HOSE AND NOZZLES.

WINNER—in 25 and 50 foot lengths—5 ply, per foot.....	10c
TIGER—in 25 and 50 foot lengths—6 ply, per foot.....	12c
RED DANDY—in 25 and 50 foot lengths—7 ply.....	15c
NOZZLES—Graduating, Spray or Solid Stream, each.....	35c

GALVANIZED WATER POTS

4 qt. size, 40c.	6 qt. size, 50c.	8 qt. size, 60c.	10 qt. size, 70c.
	12 qt. size, 80c.	16 qt. size, 90c.	

TRELLIS

The Trellis is practical and attractive. Made of heavy wire and will keep its shape and last indefinitely.

Made 18 inches wide.

Price, 6 cents per running foot.



INSECTICIDES AND FUNGICIDES

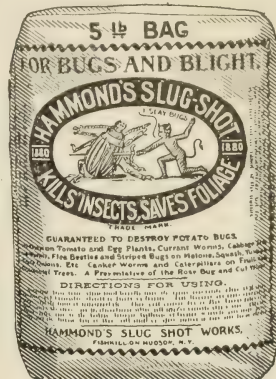
BUG DEATH.



Pat. March 16 and Nov. 9, 1897.

Bug Death is a fine powder and in composition is peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power. Bug Death is safe and sure to use on potatoes, tomatoes, currants, gooseberries, cucumbers, melons, and garden truck generally. (Full directions on each package.) Price, lb., 15c.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lb. pkg., \$1.00; 100-lb. keg, \$7.50.

HAMMOND'S SLUG SHOT.—Destroys insects and worms injurious to garden and house plants, potatoes, cabbage, tobacco, shrubs, trees, vegetables, and fruits of all kinds. Positively not poisonous and will not injure the foliage. 5-lb. package, 30c.; in 100-lb. lots, \$5.00.



PURE PARIS GREEN.—A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster of flour. As a liquid, one pound Paris Green in 150 gallons water. If used on fruit trees, add one pound quick lime. One-half pound, 15c.; pound, 25c.

STERLINGWORTH LAWN COMPOUND.—Will kill the weeds in lawns without killing the grass. It absolutely destroys dandelions, plaitain, chickweed and all weeds having broad or hairy leaves. Full directions for use on each package. Prices, 5-lb. cans, 60c.

TREE TANGLEFOOT.—A sticky substance applied directly to the bark. To protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. 1-lb., 35c.

Liquid Bordeaux By far the most important fungicide is Bordeaux Mixture, a complete chemical compound prepared by the action of milk of lime on a solution of Copper Sulphate. One gallon makes from 20 to 50 gallons (depending for what it is to be used) of Bordeaux ready to use, by simply adding water. Explicit directions on every can give instructions how and when to use. Prices: One quart cans, 35c. each; 1 gallon cans, \$1.00 each.; 5 gallon cans, \$4.50 each.



Lime and Sulphur For San Jose Scale.—It takes years for a fruit tree to reach a profitable age, but San Jose Scale can kill it in a single season. Lime and sulphur mixture can be made on the farm if the proper appliances are at hand, but it is a most disagreeable job. Our mixture is highly concentrated, and is ready for use by simply adding water, no boiling. Spray in the late fall and early winter, and again in the spring before the buds open. For small orchard use the Bucket Spray; for large orchard the Barrel Pump. Dilute one gallon of Lime and Sulphur with 20 to 40 gallons of water, according to the nature of the tree. Quart, 30c.; gallon, \$1.00; 5 gallons, \$4.00.

ARSENATE OF LEAD (in paste form).—The advantages over Paris Green are its cheapness; no burning or caustic effects; easier to dissolve; more adhesive and lasts longer. The expense of land plaster or gypsum is done away with. Apply 2 to 5 pounds to 100 gallons of cold water and spray. One application is sufficient. Price, 1 lb., 25c.; 5 lbs., \$1.00.

FLY KNOCKER.—For horses, cattle, etc. The best preparation made for keeping all kinds of flies, mosquitoes

and other insects from annoying your stock. During the summer season, when flies and insects are extremely numerous, your horses and cattle suffer excruciating agony from the bites and stings of these pests, and speedy relief should be given them. Qt., 30c.; gal., 90c.

WHALE OIL SOAP.—This is a caustic Potash Soap made from pure fish oil and is free from animal fats or other adulterations. Makes an excellent wash for trees and plants where insects and eggs affect the bark, including the San Jose Scale. Per lb., 20c.; 2 lbs., 35c.; 5 lbs., 75c.

HELLEBORE.—For destroying rose slugs, currant worms, etc. Pure and fresh. ¼ lb., 10c.; lb., 25c.

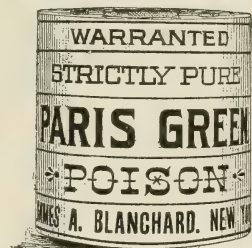
TOBACCO SOAP.—One of the best insecticides for general use; easily prepared; should be used early in the season on outdoor plants, thus preventing attacks of insects and insuring healthy growth. It is the best for house plants during winter. Full directions with each package. 1-lb. package, 20c.

KEROSENE EMULSION.—For cabbage worms, scale on trees, caterpillars, melon lice, louse, rose bugs, green-fly, etc., either on plants or animals. Dilute 25 to 50 parts. Qt., 40c.; gal., \$1.00.

LEMON OIL.—The cheapest, safest and most effectual insecticide extant for all purposes. Destroys all insects on the leaves and roots of plants without injury to flower or foliage, leaving no foreign odor. This will be found a capital wash for dogs; it relieves mange, destroys lice and all insects, and gives the coat a beautiful glossy appearance. Half pint, 25c.; pt., 40c.; qt., 75c.

STERLINGWORTH WEED KILLER.—A dry powder to be dissolved in water. May be applied with an ordinary watering can. Most satisfactory; completely destroys all weeds and objectionable vegetable growths. Prices: 1-lb. package, makes 15 gallons, 50c.

TOBACCO DUST, FINELY GROUND.—One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes. Lb., 5c.; 5 lbs., 20c.





Garden Tools

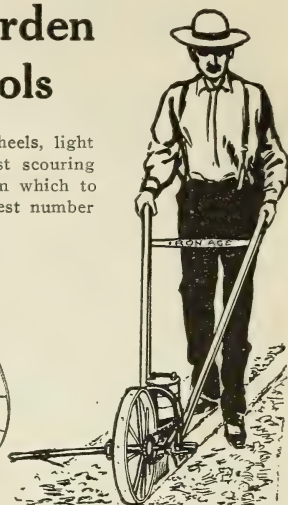
No. 6 Combined
\$12.00



No. 6 Combined.

THE NO. 6 COMBINED is a double and single wheel hoe as well as a drill, which can be used either for continuous rows or dropping seed in hills at any reasonable distance apart. Sows accurately and the index can be set to sow exactly as you want it. Opens the furrow, sows the seed, covers and rolls it, and marks the next row, all in one operation. Capacity, 2 quarts.

Are best because they have high steel wheels, light weight steel frames, the quickest, easiest scouring side hoes, the most combinations from which to choose what you need, and the largest number of attachments for special work.



Front View, No



No. 3, \$4.25.

If No. 1, with all tools is wanted, \$7.00.

THE NO. 3 WHEEL HOE is part of the No. 6, with side hoes only. If wanted with all of the tools shown above, order as No. 1. Price, \$7.00. Made to go astride the row or between. Does all of the necessary hoeing, cultivating, furrowing, ridging, weeding, leveling, etc., in any garden.



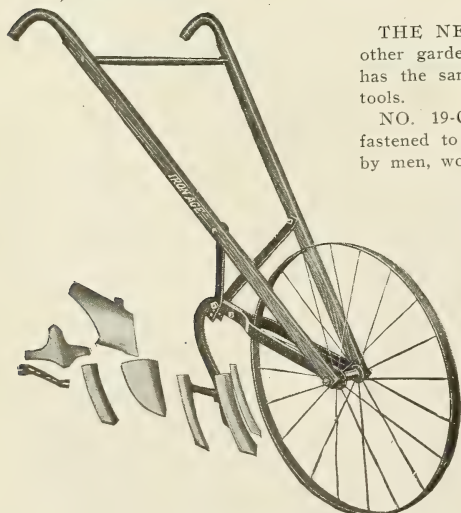
Seed Drill
New Model
\$8.00.

THE NEW MODEL SEED DRILL needs no introduction to the truck and other gardeners of this country. It is always a reliable and accurate sower—has the same indexed adjustments as on No. 6. It does not take cultivating tools.

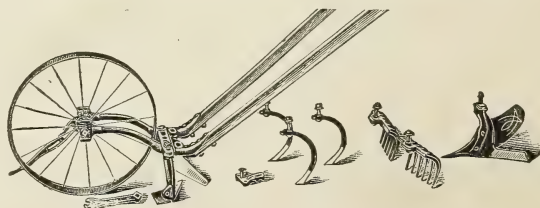
NO. 19-C WHEEL CULTIVATOR has 24-inch wheel and the handles are fastened to the axle. A very practical hand cultivator. It is easily operated by men, women, or children, and will last a long time.

NO. 20 SINGLE WHEEL HOE includes all of the separate working tools shown with the tool. It will do the same work as No. 6, but as single-wheel machine only.

Send for new Booklet, "GARDENING WITH MODERN TOOLS"—shows the full line of "Iron Age" Wheel Hoes and Drills.



No. 19-C Cultivator, \$350.



No. 20, \$6.00.



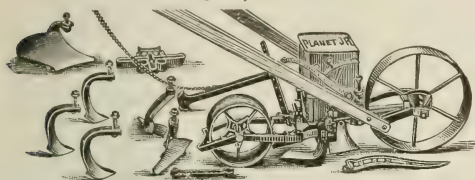
Planet Jr. Garden Tools



Space will not permit our showing and describing all the Planet Jr. Tools, but we will send a fully illustrated catalogue free to any who desire it and will ask for it; and we can supply promptly anything ordered.

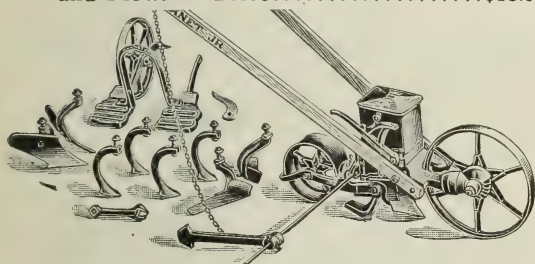
No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Price, Complete\$10.50
As a Seeder only..... 8.50

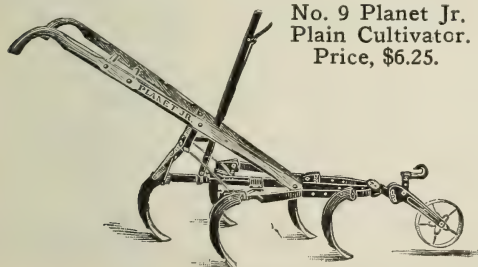


This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, and admirable single wheel hoe, an excellent furrower, a capital wheel cultivator, and a rapid and efficient wheel garden plow.

No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow. Price.....\$13.00

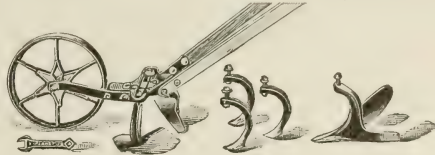


This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.



No. 9 Planet Jr. Plain Cultivator.
Price, \$6.25.

No. 17 Planet Jr. Single Wheel Hoe.
Price.....\$4.75

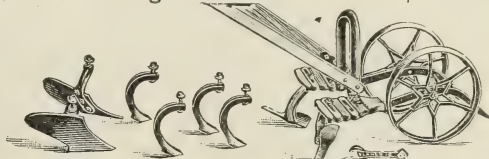


You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 17½ Planet Jr. Single Wheel Hoe.
Price.....\$4.25

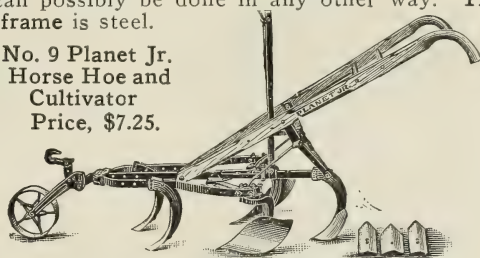
This tool is identical with No. 17, except in equipment. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it are all the finest of their kind.

No. 12 Double Wheel Hoe, Cultivator and Plow. Weight 32 lbs. Price\$6.50.



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.

No. 9 Planet Jr. Horse Hoe and Cultivator
Price, \$7.25.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

PRICE LIST OF OTHER PLANET JR. TOOLS.

PLANET Jr. No. 2 SEED DRILL.....\$7.00
PLANET Jr. No. 6 Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow combined 13.00
PLANET Jr. No. 11 WHEEL HOE. Double Wheel Hoe, with 2 pairs hoes, 2 pairs cultivator teeth, 2 pairs rakes, 1 pair plows and 1 pair leaf lifters..... 8.50
IMPROVED PLANET Jr. WHITE POTATO DIGGER (new style)..... 17.50

PLANET Jr. No. 13 WHEEL HOE. Double Wheel Hoe, with 1 pair hoes only\$4.50
PLANET Jr. No. 16 WHEEL HOE. Single Wheel Hoe, with 1 pair hoes, 3 cultivator teeth, 2 rakes, 1 plow and 1 leaf lifter..... 5.35
DOUBLE CELERY AND ASPARAGUS HILLER 15.50

The New "PLANET JR." Catalogue is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



Spraying Outfits for Garden and Orchard

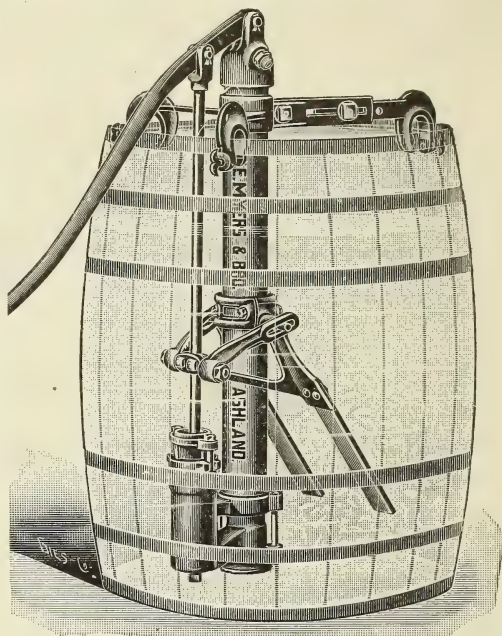
Spraying is not only a paying proposition, but it is now absolutely essential to the production of good marketable fruit and vegetables. Conduct it with business-like energy and intelligence and the returns will be large dividends. If you have only a small orchard it is not necessary to purchase a power outfit. The city man with a few bushes and small trees will only require a hand or bucket Sprayer. For a man with a fair-sized orchard a barrel Sprayer is satisfactory. For spraying Potatoes, Cantaloupes or other field crops, a Field Crop Sprayer is an excellent machine. Spraying is a preventive of diseases and will not cure the disease when firmly established.

Myers O. K. Spray Pump

For Hot, Cold or Any Kind of Mixture. Has mechanical agitator, solid brass ram plunger, ground bevel valve and seat.

Fig. 1119. Myers O. K. Spray Pump, adapted to be used in connection with an ordinary barrel. One of the special features of this pump is a clamping device, by means of which it is attached to the top of the barrel. It will be noticed that this arrangement can be adjusted to suit any barrel, regardless of the height or width. The cylinder is what is known as a ram plunger, made of a solid brass tube with a closed end, which passes through a circular hemp packing, which adapts it for pumping hot, cold or any kind of mixture. The packing gland is adjusted by means of two heavy bolts, with which all wear can readily be taken up. The valve and seat are made of ordinary brass, ground in a bevel shape. Another special feature of this pump is that by removing two bolts the valves can be readily taken out and repaired. The air chamber is made of 2½-inch steel tube. The handle is wrought steel with adjustable stroke, so as to enable the operator to get up a pressure of 200 lbs. or more if necessary. It is fitted for two strings of discharge hose, each 15 feet long. Price without barrel, \$20.00.

No. 306. MYERS IMPROVED BARREL SPRAY PUMP. (Fig. 766.)—The entire pump sets in the barrel containing the liquid and is bolted fast to the staves at the upper end. The working parts being all submerged, the possibility of losing packing is done away with. Valves and seats are ground brass, brass cylinder and discharging pipe, patent expansive bucket, large 30-in. air chamber. Vermorel or Bordeaux nozzles with 2 leads Hose, each 5 feet long. Price, \$10.00. Pipe extensions extra.



Myers O. K. Spray Pump.

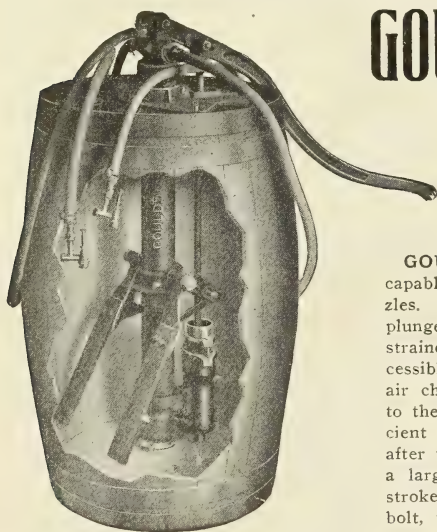


Figure 1100.
THE "POMONA."

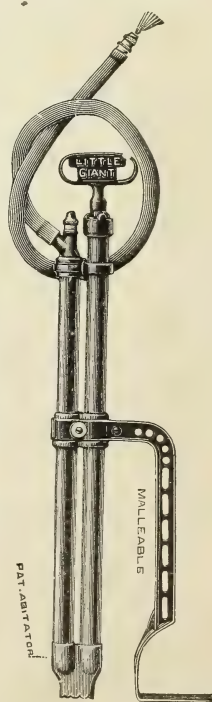
GOULD'S "POMONA"

Outside Packet Plungers. No Leather Packings

GOULD'S POMONA is unusually powerful, fully capable of supplying four leads of hose and eight nozzles. The working parts, including the plunger, plunger connection, gland, valve, valve seat and strainer, are of solid bronze. They are simple, accessible and easily removed. The pump has a steel air chamber extending from the top of the sprayer to the valve chamber, making it easy to get up sufficient pressure to continue spraying for some time after the pumping has stopped. It is equipped with a large, adjustable lever, producing 3, 4 or 5-inch strokes by simply removing and replacing a single bolt, thus varying the pump's capacity. The pump may be placed in any length barrel, as the barrel plate is adjustable. It is held firmly in place by this plate and a small anchor at the bottom of the barrel. The agitator, simple, but very effective, is operated by the same lever that works the sprayer.

Complete Sprayer Pump, 15 feet ½-inch hose, with misty spray nozzle, price, \$20.00.

Little Giant Brass Spray Pump—With agitator, complete with hose and imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest. Price, \$3.25.



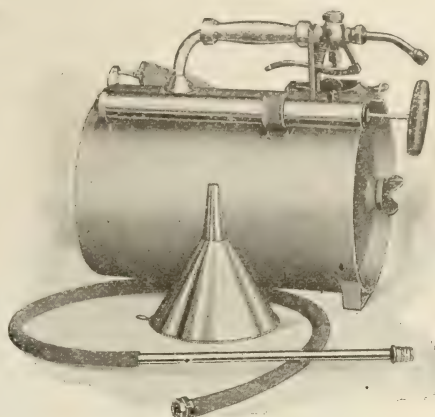


PUMPS

LOWELL FOUNTAIN COMPRESSED AIR SPRAYER.

Note These Exclusive Points.

1. It is devoid of complex or intricate parts and is the easiest understood Compressed Air Sprayer in the world.
2. It is both automatic and positive in its action.
3. One charge is sufficient to expel entire contents of tank.
4. Each sprayer is thoroughly tested with both air and water pressure.
5. Machine can be easily washed and aired after using.
6. It is so simple in construction that a child can operate it.



Lowell Fountain Compressed Air Sprayer.

Tree attachment and funnel, for filling, with brass wire strainer with each machine. Strongest Air Pressure Sprayer made—will stand five times the air pressure necessary to operate. Convex heads, seamed and soldered. Capacity of tank, 3 gallons. Handy to carry; shoulder strap with each machine.

No. 110.—Galv. Steel, Aluminum Finish; price, \$5.00.

"AUTO SPRAY" No. 1

PRICES:

Auto-Spray, No. 1 A; brass tank with Stopcock	\$6.75
Auto-Spray, No. 1 B; brass tank with Auto-pop	7.25
Auto-Spray, No. 1 C; galvanized tank with Stopcock.....	4.50
Auto-Spray, No. 1 D; galvanized tank with Auto-pop.....	5.00
Brass Extension, 2 feet.....	.45
Brass Strainer90



"Auto Spray" No. 1

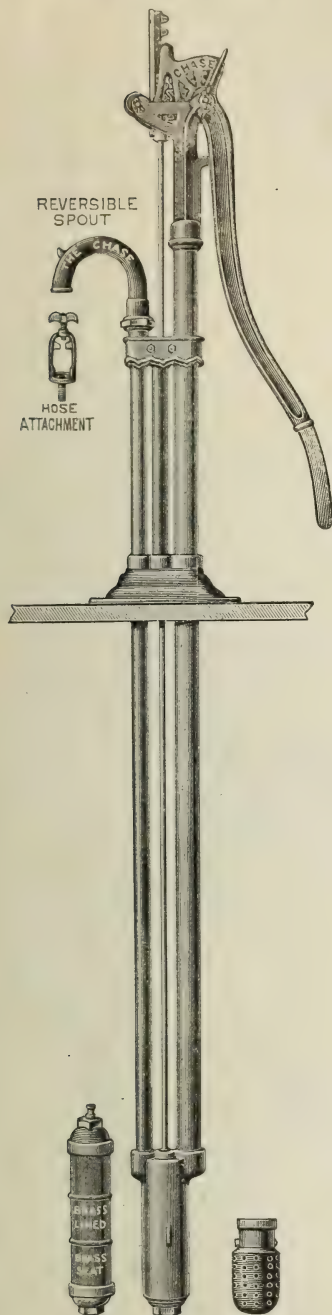
PORCELAIN LINED, WOOD AND IRON LIFT AND FORCE

The Meyer Adjustable Base Single and Double Acting Force Pumps

The unprecedented sale of the Myers Adjustable Base Lift Pump has created a demand for the same style of Pump with force head. To meet this demand we have constructed Fig. 105, which

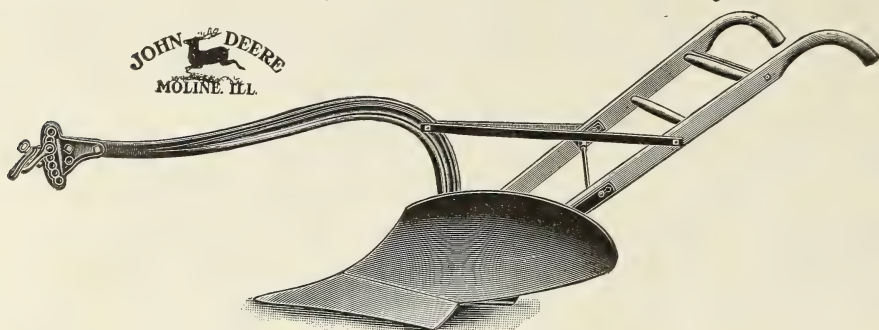
we offer to the trade as a strictly first-class pump in every respect. It has reversible siphon spout, patent aluminum valve seat and Poppet valve. Anti-freezing and ratchet head. Price of same will be in accordance with the depth of well.

PORCELAIN LINED WOOD PUMPS.—When there is a question in selecting a pump, no one should decide in favor of a low-priced, unreliable pump. Buy a good pump always. The difference in cost is very slight, and the satisfaction given by a good pump, to say nothing of the longer wear, will make it by far the cheaper in the end. We can furnish you with a high-grade Pump that will give entire satisfaction. Get our prices before buying elsewhere. We have them to fit all depth wells.





JOHN DEERE
MOLINE, ILL.



The Plow shown is built especially for the sandy, mixed soils of the Eastern States, and for these soils it is unequalled. The moldboard has a wide, easy turn, insuring light draft. This feature also adapts the plow for work in old ground, stubble or tame sod. It is a general purpose Plow.

No. M. P. 11—Cuts
12 inches, \$12.00.
No. M. P. 13—Cuts
13 inches, \$13.00.
No. M. P. 15—Cuts
14 inches, \$14.00.
Gauge wheel, \$1.00;
Joiner, \$2.00.

No. 20 Steel Beam Oliver Plow

A detailed black and white illustration of the No. 20 Steel Beam Oliver Plow. The main component is a long, angled steel beam with the words "THE OLIVER PATENTED" inscribed on its side. A large, curved moldboard is attached to the end of the beam. To the left of the main beam, there is a separate, smaller moldboard. To the right, a wheeled implement, possibly a harrow or a second moldboard, is connected to the main beam via a curved link. The entire assembly is shown resting on a textured ground surface, with some small plants growing in the foreground.

No. 20 Steel Beam Oliver Plow

WOOD OR STEEL BEAMS

RIGHT AND LEFT HAND

It would be taking up good time to go in any length to speak of the merits of this wonderful plow. Every farmer knows its value and every farmer will tell you it is one of the best Plows in use today. We are offering these Plows in Steel or Wood beams and urge you to call and see them.

STEEL BEAM PLOWS.

No.	Description	Price.
No. A	One Horse	\$4.50
No. B	One Horse	6.00
No. 10	Large, One Horse	6.50
No. 13	Small, Two Horse	7.25
No. 19	Medium, Two Horse	7.50
No. 20	Regular, Two Horse	8.50
No. 40	Three Horse	9.50

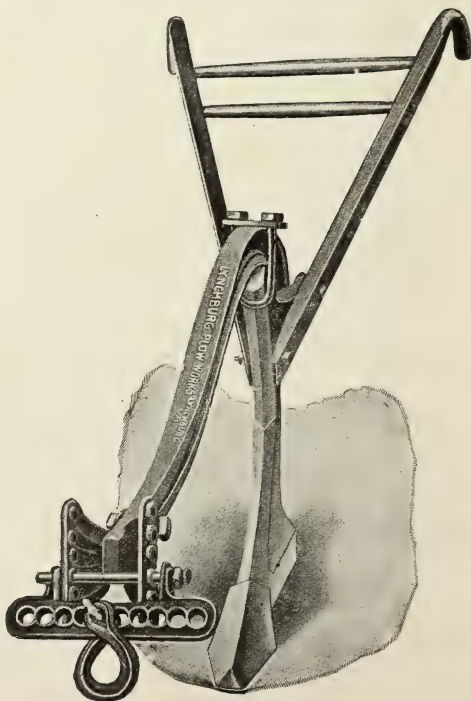
Wood Beam Plows, \$1.00 less than prices quoted above.

Steel Beam Subsoil Plows

ONE AND TWO HORSE.

Subsoiling, and its beneficial results, are becoming better known every year. This work is performed by following immediately in the furrow left by the ordinary plow and loosening the sub-strata, but not inverting it. There are many crops greatly increased by this method of plowing.

By following the plow with a subsoil plow the earth can be broken to a depth of from 15 to 20 inches, giving roots a wider range for food so plants are hardly affected by excessive draught or a wet season. The Plow penetrates the subsoil easily, breaks the hard pan, and pulverizes it without bringing any to the surface. The one-horse Plow will follow the subsoil plow to the eighth of an inch, and will follow the subsoil plow to the depth of 16 inches—and the two horse plow to the depth of 20 inches. Prices for one-horse, \$5.00; for two-horse, \$7.50.





CLARK'S DOUBLE ACTION CUTAWAY HARROWS

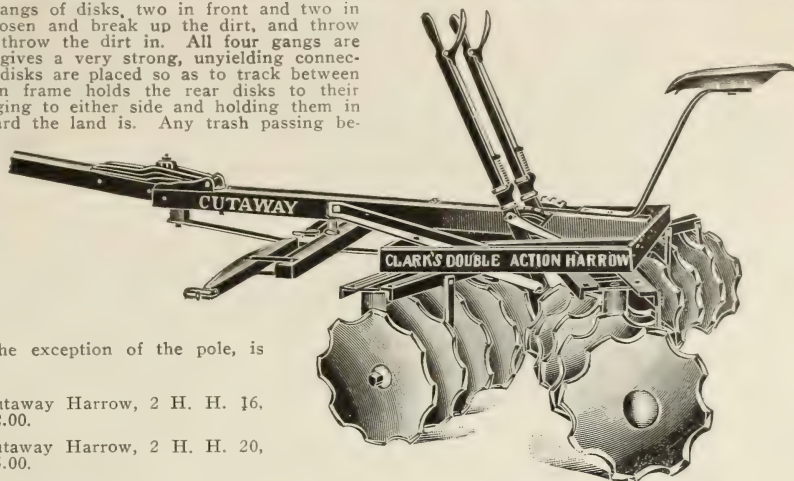
These machines have four gangs of disks, two in front and two in the rear. The front gangs loosen and break up the dirt, and throw the dirt out; the rear gangs throw the dirt in. All four gangs are carried by a main frame that gives a very strong, unyielding connection between them. The rear disks are placed so as to track between the front disks, and the main frame holds the rear disks to their work, keeping them from dodging to either side and holding them in the ground no matter how hard the land is. Any trash passing between the front disks is cut up and turned under by the rear disks, where it will turn into plant food. Having a four-point bearing on the ground, these machines run steady and true in the line of draft. The draft of these machines is very light, as the rear disks work in loose soil and consequently are drawn easily.

The whole machine, with the exception of the pole, is made of either iron or steel.

A-4 Steel Double Action Cutaway Harrow, 2 H. H. 16, 16 in. disks, cuts $4\frac{1}{2}$ foot, \$32.00.

A-5 Steel Double Action Cutaway Harrow, 2 H. H. 20, 16 in. disks, cuts $5\frac{1}{2}$ foot, \$35.00.

CLARK'S A-5 DOUBLE ACTION CUTAWAY HARROW.



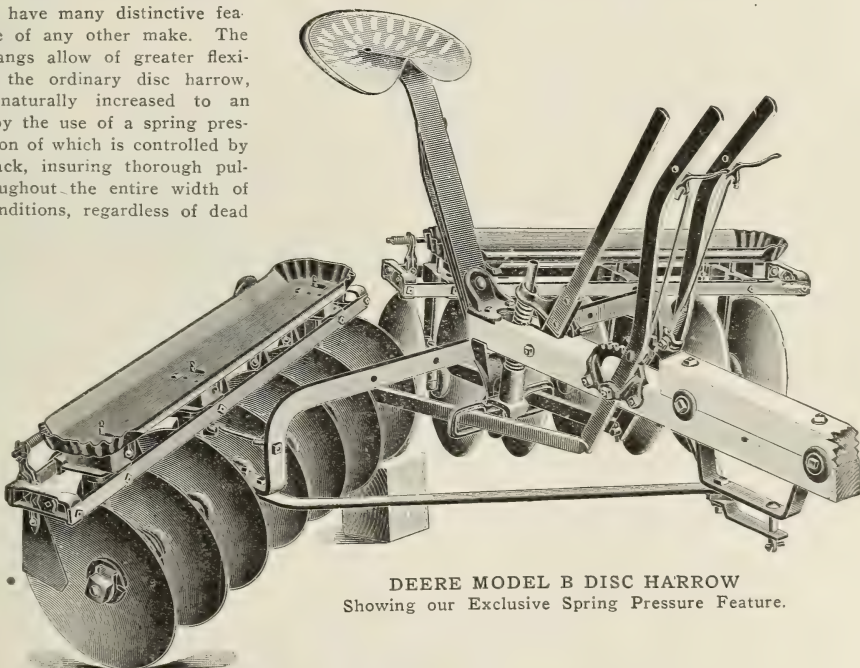
DEERE MODEL B DISC HARROW

The Model B Harrows have many distinctive features not found on those of any other make. The independently working gangs allow of greater flexibility than is found in the ordinary disc harrow, and this flexibility is naturally increased to an almost unlimited extent by the use of a spring pressure attachment, the tension of which is controlled by means of a lever and rack, insuring thorough pulverizing of the soil throughout the entire width of the Harrow under all conditions, regardless of dead furrows and ridges.

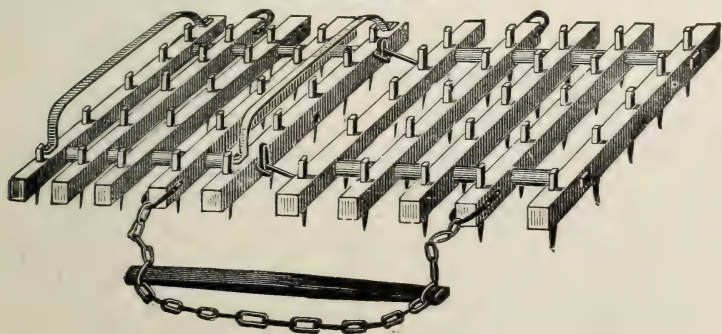
When the inside end of gang passes over any obstruction or uneven surface, the spring equalizer permits it to rise while the other gang remains at work. When it is passed, the equalizer is so constructed that its pressure throws it swiftly back into position.

8 Discs, 16-in. . . . \$22.50

10 Discs 16-in. . . . 24.00



DEERE MODEL B DISC HARROW
Showing our Exclusive Spring Pressure Feature.

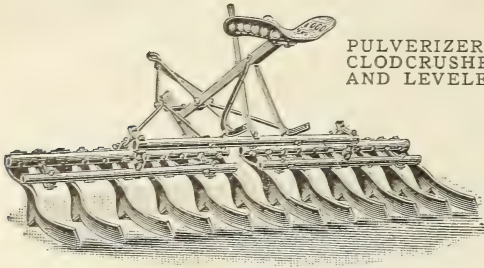


Double Hinge Harrow

This is a two-section, wood frame, spiked-tooth Harrow. The runners, as seen in the cut, are intended to be used in carrying the Harrow from one field to another. Price, 40-tooth, \$9.00.

Gardener's Harrow

This Harrow is similar to the Baltimore Double Hinge Harrow, only it is made in one section instead of two. It is designed to be used by one horse. We furnish this Harrow with 25 teeth, cutting 3 feet 8 inches wide. Price, with 25 teeth, \$5.50.



PULVERIZER
CLODCRUSHER
AND LEVELER.

ACME HARROW

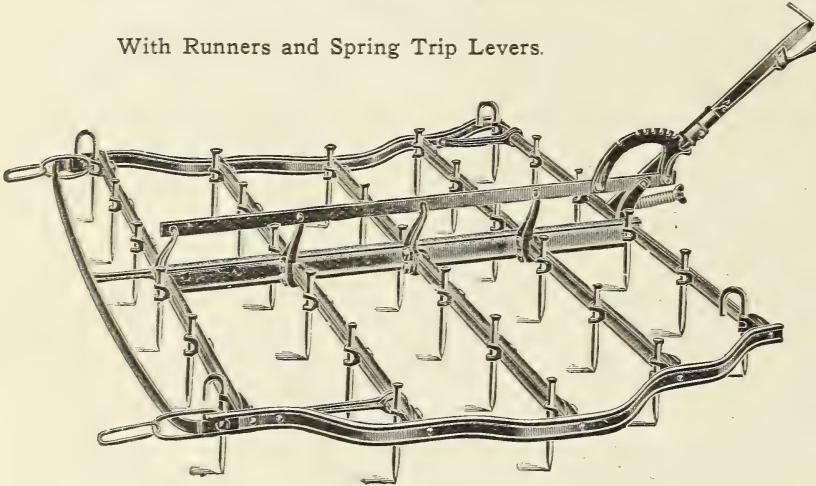
"ACME" Cuts, Crushes, Levels, Turns and Smooths at One Operation.

The "ACME" not only pulverizes, smooths and turns the surface, but cuts through to the under soil, pulverizing and compacting it. Other Harrows leave the soil in a lumpy condition, full of voids and spaces between the lumps and clods. It also turns and mixes the soil so that the seed sown is covered evenly with fully-pulverized soil, insuring a quick catch under the most favorable conditions for its germination.

There is no kind of tillage that the "ACME" will not take care of, and though especially adapted to heavy, stub lifting lever, to do perfect work in the lightest soil. This is why the "ACME" has proven universally satisfactory in all parts of the world, under widely different conditions of soil. Extreme lightness of draft and convenience of handling are features which make the "ACME" popular—it is the lightest draft riding Harrow manufactured. Think what it means to you and your horses. When this Harrow is not in use as when going from one field to another, the cutting edges of the coulters may be raised from the ground by means of the lifting lever. Price: No. 23, \$16.00; width of cut, 6½ feet. No. 26, \$18.50; width of cut, 8½ feet. Prices do not include whiffletrees nor neck yokes.

Deere Adjustable Spike Tooth Lever Harrow

With Runners and Spring Trip Levers.



This Harrow has a frame of I-beam steel bars of "U" shaped steel, well braced and securely fastened at each end to the frame. This gives the Harrow a double advantage, strength and rigidity, and as a guard against catching into trees and stumps. The teeth are of diamond-shape steel. The runners are formed by the curved tooth extensions, which are placed so that the Harrow will free itself from trash better and will carry the Harrow more even distance from the ground than any other Harrow on the market. The teeth are held firmly by a welded eye steel bolt through the slip malleable to roller bar, also the end teeth on the roller bars, which locks and bolts the frame firmly together. Each tooth cuts its own course, and can be raised or lowered as desired, and with the lever the teeth can be set to

any pitch or cut desired. Price, 25-tooth, 1 section, \$6.00; 30-tooth, 1 section, \$6.50; 50-tooth, 2 sections, \$11.00; 60-tooth, 2 sections, \$12.00.

"Best" Single Shovel Plow

The design of this Plow is readily understood from the cut. It has a heavy steel beam of good quality and a broad steel shovel. One of the most valuable tools around the farm. Price, \$2.25.

"Best" Double Shovel Plow

Every farmer realizes the value of a Double Shovel Plow with a good set. The plow we illustrate is strong and runs nicely. It will give good service. Price, \$2.50.



"Best" Triple Shovel Plow

The Triple Shovel Plow, or as it is often called Three-Shovel Drag is one of the best known and most efficient tools for working corn. In some sections they are used almost exclusively. The beams of our Triple-Shovel Plow are of a good grade of steel and heavy enough to stand severe work. The shovels are of good quality and on the whole the tool will give great satisfaction and long service. Price, \$3.00.

Shovel Blades, Bull and Calf Tongues, Plow, Fenders and Handles for above Plows always in stock.

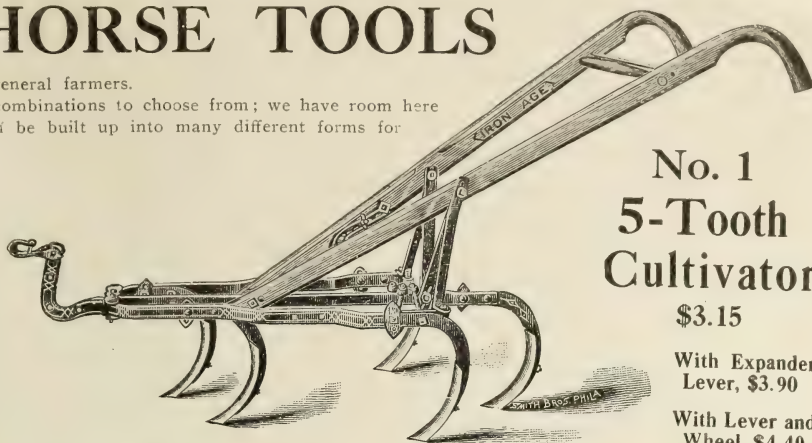


IRON AGE HORSE TOOLS

For truck gardeners and general farmers.

There are many different combinations to choose from; we have room here to show but four. They can be built up into many different forms for special work.

No. 1 is the 5-tooth machine, plain as it can be; low-priced, but not cheap in material or construction. A good tool for straight-ahead work. Has one simple adjustment for rows. Opens to 24 inches and closes to 9 inches. Can be made into a 7 or 9-tooth machine. Will take plain or lever wheel, lever expander, or horse hoes and sweeps in place of plain teeth.

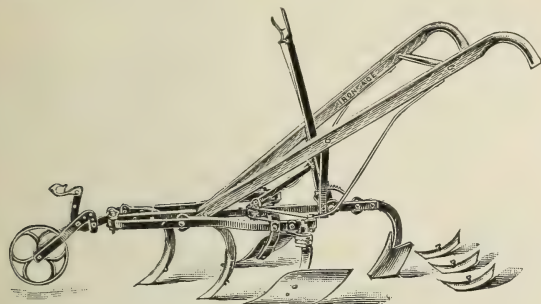


No. 1 5-Tooth Cultivator

\$3.15

With Expander
Lever, \$3.90

With Lever and
Wheel, \$4.40



No. 6 Horse Hoe and Cultivator

With Expander Lever and Plain Wheel, \$5.75

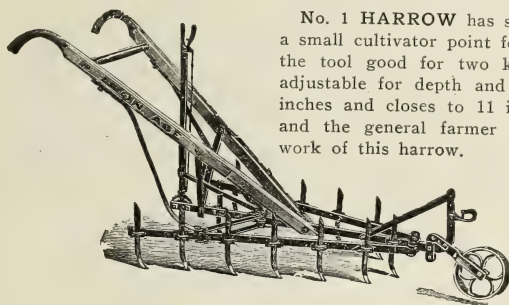
Without Expander Lever, \$5.00

No. 6 is much the same tool in construction, but is a horse hoe as shown, and has expander lever and a plain wheel. Sold without wheel or lever if wanted.

No. 1 Combined Harrow and Cultivator

\$5.00

Without Lever & Wheel, \$3.75

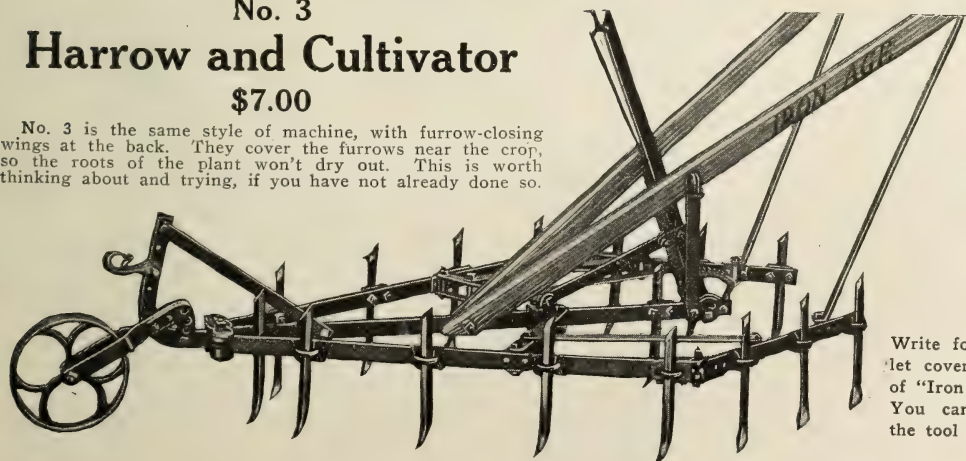


No. 1 HARROW has steel diamond-shaped teeth, with a small cultivator point forged on one end. This makes the tool good for two kinds of work. The teeth are adjustable for depth and angle. The tool opens to 34 inches and closes to 11 inches. The small fruit farmer and the general farmer will thoroughly appreciate the work of this harrow.

No. 3 Harrow and Cultivator

\$7.00

No. 3 is the same style of machine, with furrow-closing wings at the back. They cover the furrows near the crop, so the roots of the plant won't dry out. This is worth thinking about and trying, if you have not already done so.



Write for new booklet covering this line of "Iron Age" goods. You can select just the tool you need.



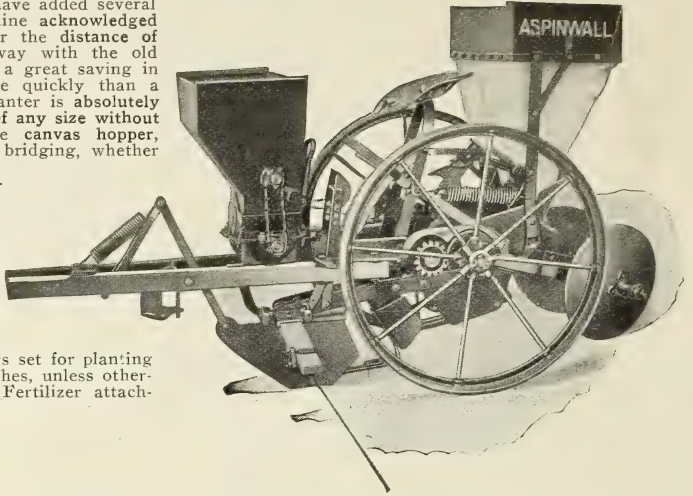
ASPINWALL POTATO PLANTER No. 3

In our No. 3 Potato Planter we have retained all the good points of No. 1 and No. 2 Machines, and have added several new features, which have made this machine acknowledged leader everywhere. In our No. 3 Planter the distance of planting is regulated by gears, doing away with the old method of adjusting pickers, which means a great saving in time, as the Gears can be changed more quickly than a single picker can be removed, and our Planter is absolutely the only machine that will plant potatoes of any size without adjustments. We have also adopted the canvas hopper, which reduces to a minimum clogging or bridging, whether the seed be large or small, cut or whole.

The machine in brief guarantees accuracy, the first and greatest essential; ease of operation; lightness of draft and no additional man to increase the weight.

Both the feed and cover tension are regulated from the seat. No removal of bolts—simply turning a thumb screw does the work.

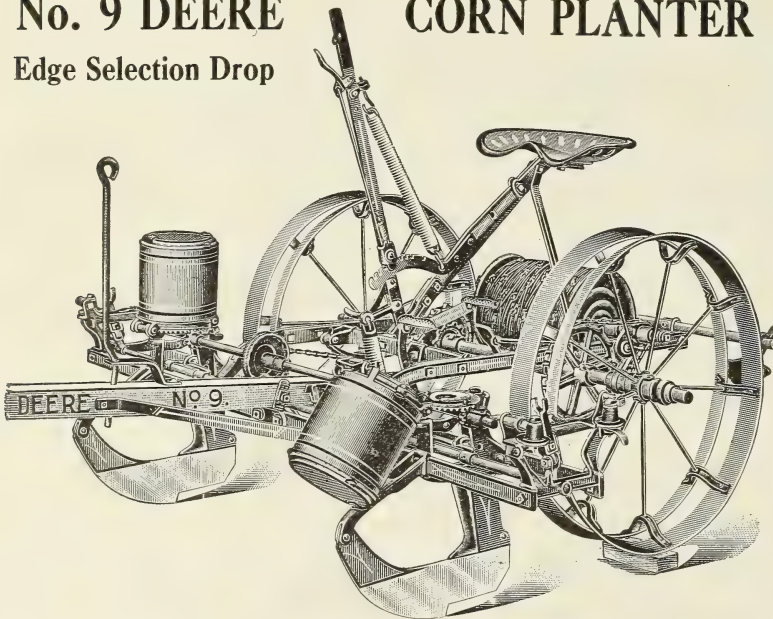
The Planter being arranged with gear wheels for planting distances of 9, 10, 11, 13, 15, 17, 20, 24, 26 and 30 inches apart. All machines are equipped with gears set for planting 13 inches, including one extra set for 15 inches, unless otherwise ordered. Price, plain, \$65.00; with Fertilizer attachment, \$75.00.



No. 9 DEERE

Edge Selection Drop

CORN PLANTER



wise measurement, which is their only uniform measurement. It is by this means that we secure the most uniform and accurate drop on the market. It has many other features, that cannot be told here. If you will ask for a catalogue, describing it in full, one will be sent you by mail. Price, Plain, with Check Rower and Wire, \$40.00; with Fertilizer attachment, \$50.00.

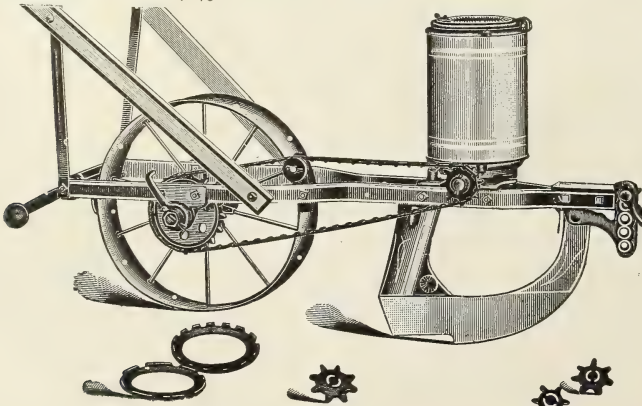
In the New Deere Edge Drop Planter a principle is involved different from that upon which any other drop operates. The kernels of corn are selected in a much more accurate and scientific manner, which means a better stand and a bigger crop of corn for the user. This is the secret of the great success which has attended the introduction of the New Deere Edge Selection Drop Corn Planter. In the New Deere Edge Drop we have taken advantage of the fact that kernels of corn, while varying in length and breadth, are practically uniform in their edgewise measurement, i. e., thickness. Therefore, since kernels of corn have one uniform measurement, there is one and only one uniform and accurate way in which to select them. They must be selected by their edgewise measurement. This is exactly what we have done. In the New Deere Edge Selection Drop the seed plates have cells so shaped and arranged that only one kernel enters each cell, and each kernel enters its cell, and remains, until dropped, in an edgewise position. The cells will receive kernels only in an edgewise position, hence they are selected only by their edge-

New Deere ^{ONE HORSE} Drill

The New Deere Drill is simple in construction to a degree never before acquired in any machine of its class; it has the most accurate drop ever invented, large hopper of unusual capacity, and the drive wheel is made entirely of steel.

The frame is made of two pieces of high carbon steel, being well braced to prevent any warping or twisting.

The drive wheel is made entirely of steel, in place of the usual cast iron wheel, and is practically unbreakable. The wheel is 12 inches in diameter, bringing the frame well up from the ground to prevent any dragging of trash. The drive mechanism has a spring eccentric clutch for throwing the drill in and out of gear. The clutch is within easy reach of the operator. Plain, \$12.00; with Fertilizer Attachment, \$16.00.





Johnston Farm Machinery

JOHNSTON'S FARM MACHINES are simple, clean-cut, well finished and durable—not a part of any Trust, Combine or Monopoly—and have the confidence of the Farmers of two Hemispheres.

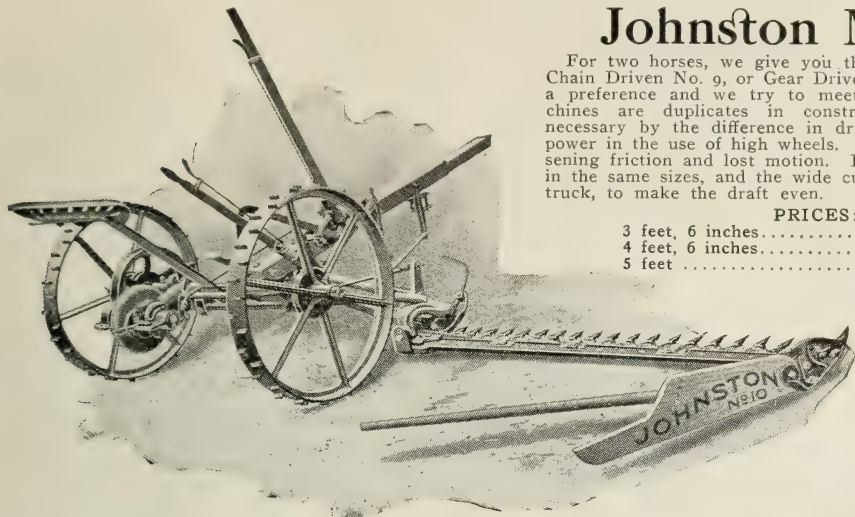
Write us to send you a Johnston Catalogue—it is free.

Johnston Mowers

For two horses, we give you the choice of two Mowers, Chain Driven No. 9, or Gear Drive No. 10. Most men have a preference and we try to meet their wishes. The machines are duplicates in construction, except as made necessary by the difference in driving power. Each gains power in the use of high wheels. Each saves power by lessening friction and lost motion. Each machine is furnished in the same sizes, and the wide cuts have extension for the truck, to make the draft even.

PRICES:

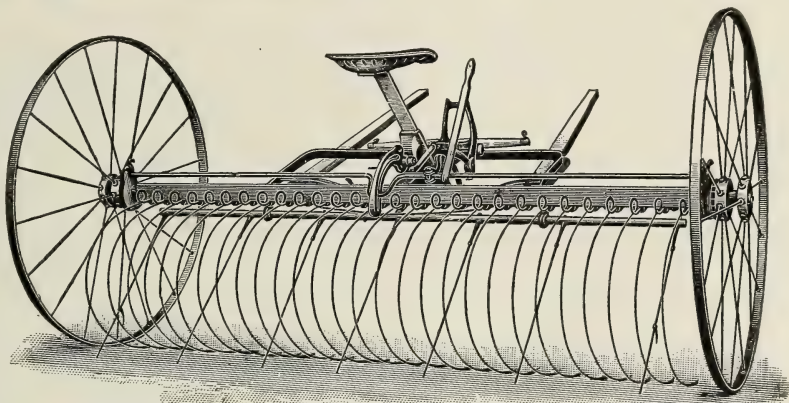
3 feet, 6 inches.....	\$38 00—1 Horse
4 feet, 6 inches.....	42 00—2 Horse
5 feet	43 00—2 Horse



Johnston Steel Rake

A light, durable, self-dump machine. Handles easily the heaviest crops on rough or level ground. The steel wheels have double hubs, staggered spokes, channel steel tires with concave side out to give more traction.

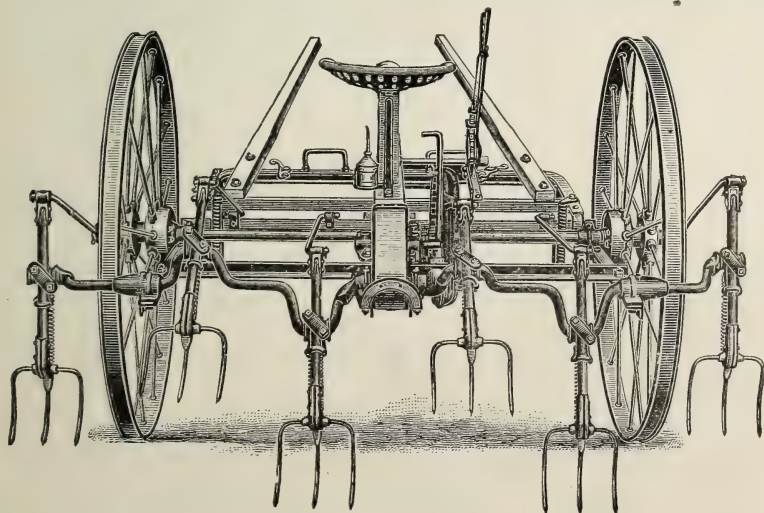
The Johnston Steel Rake will give service and lots of wear. Besides you are sure of simplicity, capacity, and great strength. Buy a Johnson.—Price, 8 foot, 24 teeth, \$21.00; 9 foot, 22 teeth, \$21.50.



Johnston Steel Hay Tedder

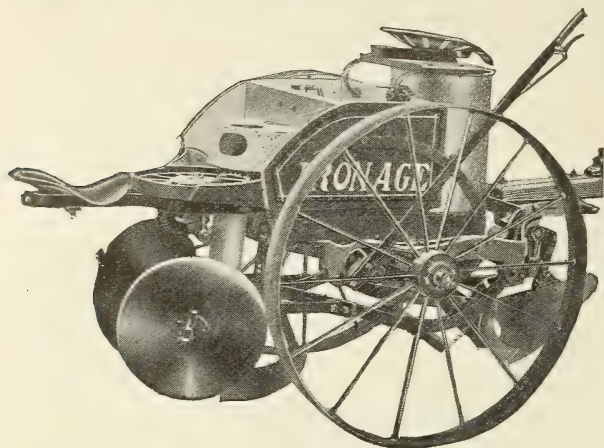
For good work, any hay tedder must have strength, smooth running and perfect balance. Every Johnston Tedder fills the bill on these three points and all others as well.

The forks have three tines in one piece of steel, spring tempered. A spring trip saves breakage. No two forks strike the ground at the same time. Outside forks stir the hay that the wheels pass over. We drive from the center by steel Locket Belt Chain. Power applied from both wheels at once gives even draft. Price, six fork, \$35.00.





IRON AGE (Improved Robbins) 100% Potato Planter



FURNISHED WITH OR WITHOUT FERTILIZER ATTACHMENT

Plants a seed piece in every space, and one only—that means a full stand and all of your ground will bring a profit.

It costs no more to cultivate and spray a full stand than a piece where there are 5 to 20 per cent misses.

Plants at uniform depth and whatever distance apart you want. Saves seed, which is an important item when seed is high. No doubles; this means uniform size for the potatoes. You can have seed-hopper extension and large fertilizer hopper if you want them.

Price: without Fertilizer attachment.....\$68 00

Price: with Fertilizes attachment\$78 00

IRON AGE Traction Sprayers

How many men need to be convinced that spraying in time is necessary if you want to prevent blight? How many men know that spraying potatoes will increase the yield enough to more than pay for material, spraying machine, and your time? This has been shown to be

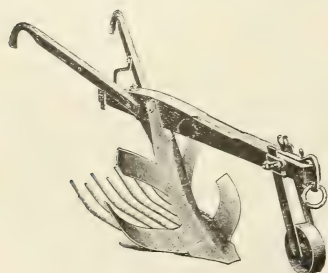
Ask for "Iron Age" booklets on any of these tools. All are free.

true in expert experiments. Do you want to see the profit?

Four and six-row sprayers for all row crops—double or single-acting pumps, 50 or 100-gallon tanks. Will spray any reasonable width row.



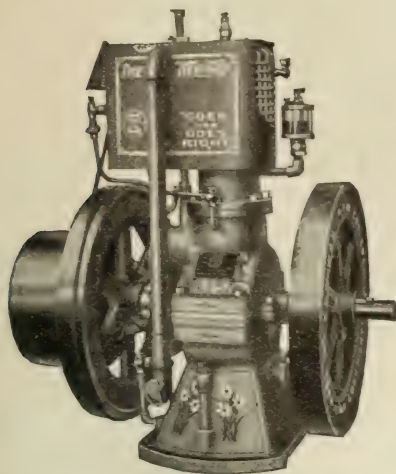
6-ROW TRACTION SPRAYER IN POTATOES WITH DOUBLE ACTING PUMP, \$103.00.



The Success Jr. Potato Digger

The Success Jr. Digger is made of steel standard and all excepting the beam and handles. The fork is stationary, and there is but one wheel in front. Without question it is the most successful Plow Digger ever placed on the market.

Where a small or medium-size crop of potatoes are to be plowed up, this tool is highly recommended. Made out of very best material, in a modern manner, and gives satisfaction wherever it is used. Price, \$9.00.



The "New Way"

THE "NEW WAY" AIR-COOLED ENGINES are built in 1½, 2½, 3½, 4½ and 6 h. p. single cylinder, and in 8 and 12 h. p. double cylinder.

AIR-COOLED.—No water, no freezing; cooling absolutely guaranteed.

DUST-PROOF.—All parts encased and run in oil.

LUBRICATION.—Automatic; force feed from one lubricator only; "positive."

BALANCING.—Mechanical; vibration cut down to minimum; no wear and tear.

CARBURETOR.—Patented; no needle valve, no gasoline pump.

CYLINDER.—One-piece casting. No packed joints to blow out.

VALVES.—Instantly removable. No adjustments disturbed to remove them.

IGNITION.—Jump spark, same as used on automobiles and aeroplanes, on account of its reliability. Also furnished with Bosch High-Tension Magneto.

The engine with the troublesome parts left off.

Let us name you prices.

"Ohio" Standard Feed and Ensilage Cutter

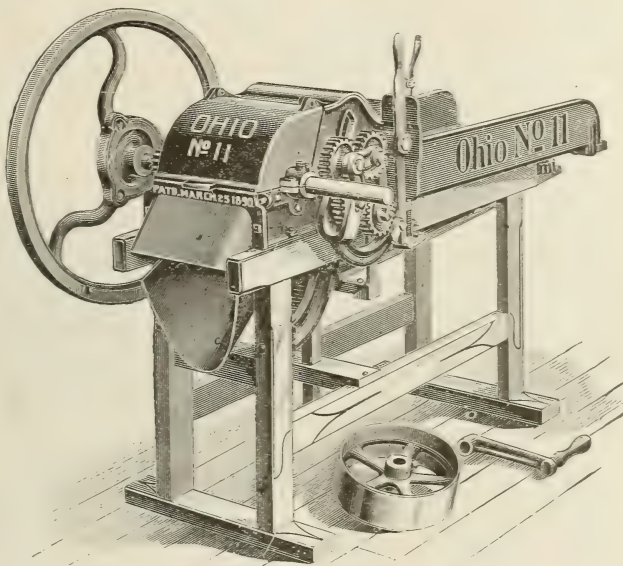
Hand and Power Machines

The No. 11 "Ohio" Standard Feed and Ensilage Cutter, illustrated on this page, is similar in design to the No. 9, with the exception that the knives are longer, and the knife shaft extends through on both sides for the fly-wheel and pulley to better adapt the machine to power. The crank furnished fits directly onto the cylinder shaft, so that the hand drive is direct. The construction is identically in principle with that in the larger sizes of Ohio Cutters. The safety fly-wheel, adjustable knives, and patented gear are on these machines, which makes them durable, light running and practical.

The capacity of the No. 9, operated by hand, is 50 to 60 bushels of hay straw, corn stalks and rough feed of every kind; and 1,500 to 2,000 pounds per hour when driven by power, one-horse actual power being sufficient. Four lengths of cut, two or four knives. Weight, 400 lbs.; speed, 400 to 600.

The capacity of the No. 11 cutting dry feed is 2,500 to 3,000 lbs. per hour; of ensilage, three to four tons per hour. Speed, 400 to 600; power, one to two horse.

Pulley, 12 inches by 4-inch face; 6, 8, 10 and 15-inch sent if desired.



Figs. 784, No. 11.

No. 9, weight, 390 lbs., 2 knives.....\$26.00

No. 11, weight, 420 lbs., 2 knives.....30.00

No. 9 weight 390 lbs., 4 knives.....\$30.00

No. 11, weight 420 lbs., 4 knives.....34.00

A Catalogue of Ohio Silage Cutters mailed on request.

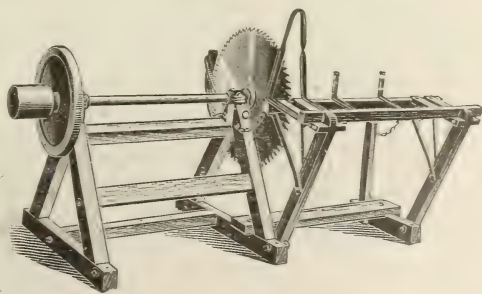
American Clipper Wood Saw No. 4

WITH EXTENSION TABLE FOR POLES OR CORD WOOD.

The illustration is that of the Clipper Wood Frame Pole Saw for sawing all kinds of timber, both long and short. The construction of same is the very best. The lumber used is hardwood and good size, not frail in any particular. The bearings are all babitted. The arbor is extra large, size 1 7-16 inches, and has heavy fly-wheel. Frame is not nailed together, but mortised and tennoned and bolted. They are as good as the best and better than the majority of others. Swinging table is balanced, so as not to consume all the strength of the operator in bringing the timber to the saw-blade. This line of Wood Saws has all the features that others have, together with valuable points lacking on others. There is no reason to hesitate about buying the Clipper Wood Frame Saws. They will fill the requirements in every way. Weight, 330 pounds. Furnished regularly with 22-inch blade. Larger blades—namely, 24, 26, and 28-inch—furnished at extra price.

Wood frame Pole Saw complete with 22-inch blade....\$28.00

Extra for larger Saw Blades.



Wood Frame Pole Saw.



The Worcester-Kemp "Easy Loader" Manure Spreader



The "Easy Loader," first of all, is easy to load—easy to handle—easy to draw. Owing to its advanced construction, little power is employed to operate it, and by its simple construction hard to get out of repair. Works perfectly in even or hilly sections. Handles and spreads equally well light, strawy manure in small quantities for garden use, or heavy, wet manure in the field.

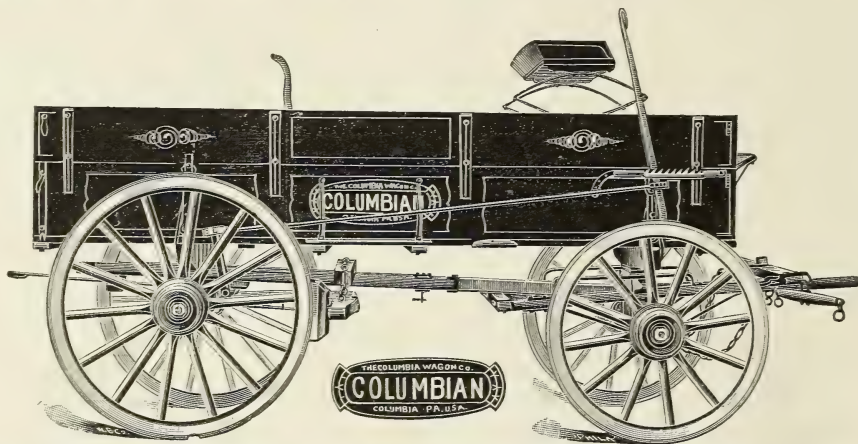
The Worcester-Kemp "Easy Loader" is almost entirely of steel construction, thus affording a strong, light, durable Spreader. Roller bearings are used to reduce friction and, therefore, draft.

The floor is automatic, and as soon as the load is completely spread and the headboard is next the beater, the feed stops and the apron is returned to its original position automatically. The Worcester-Kemp has been on the market since 1878. It has been tried, used and proven. Made in 35, 40, 50, 60 and 75 bushel capacity. Ask for catalogue and prices.

COLUMBIAN WAGONS

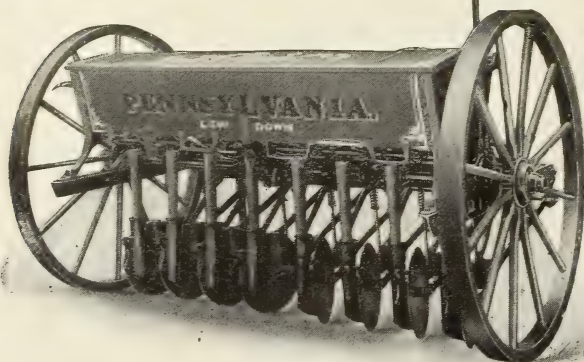
MADE WITH SOLID STEEL, TUBULAR STEEL AND THIMBLE SKEIN AXLES.

A wagon of quality. For more than 17 years this wagon has been sold to the Farmers and Truckers about Washington and vicinity, and wherever you find one in use, the user will testify to its strength, light draft and handsome finish. If you are having a wagon to buy this year, come and take a look at the Columbian and get our prices. It will pay you to find out about them before making your purchase elsewhere.



THE PENNSYLVANIA GRAIN DRILL

Most Modern and Simplest Grain Drill and Fertilizer Distributor in Existence. Made in all Styles and Sizes of Hoe and Disc Drill.



In many sections of the country the disc drill is rapidly taking the place of all other styles of drills for sowing grain. We claim the Pennsylvania to be the best disc drill ever produced. It will sow all kinds of grain in any kind of soil, covering it perfectly. It is specially adapted and recommended for sowing in trashy ground, among corn stalks, weeds, grass, vines, etc., as the discs cut through all trash, sowing and covering the seed to perfection, and from one-fourth to one-third more land can be seeded per day than with any other style drill. A direct spring pressure attachment has been devised and attached to this drill to hold the discs firmly in the ground, at the same time regulating the depth at which the seed is sown. Price, with Disc: 8 tube, 8 inch, \$75.00. Special discount for cash.



The Cyclone Tomato Support

14 inches diameter; height to bottom of legs, 3 feet. Made of No. 7 galvanized hard steel wire rigidly fastened with galvanized clamps at all intersections. Nested 1 dozen in a bundle. Strong enough to carry the load of the heaviest bearing vines; also used as a support for dahlias, peonies, carnations and similar flowering plants. Price, each, 20c.; \$2.00 per dozen.



and Hot Bed Sash.

One gallon will cover about 300 running feet. $\frac{1}{2}$ gallon, 75c.; 1 gallon, \$1.35.

The FAULTLESS Sprayer

Made in brass and tin. Throws a spray as fine as mist; kills, drives away and exterminates every living thing obnoxious to yourself, your animals or your crops. No. 1, tin, 50c.; No. 3, brass, 75c.



THE FAULTLESS SPRAYER.

Garden Dibble

Price, 30c.



Asparagus Knife

Price, each, 25c.



MEHLER'S HANDY GARDENER

Hoe, Rake, Weeder & Cultivator In One

Works with ease--Saves the knees

An entirely distinct tool $5\frac{1}{2}$ in. wide with a special handle $4\frac{1}{8}$ ft. long; entire weight 2 lbs.

Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke; you being in a comfortable standing position.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants. Send for descriptive circular.

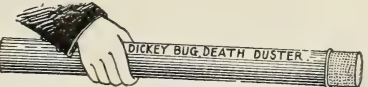


75c. each.

Mastica Machine

For distributing mastic, etc. Made of zinc and will last a lifetime.

Price...\$1.25.



Dickey Bug Death Duster.

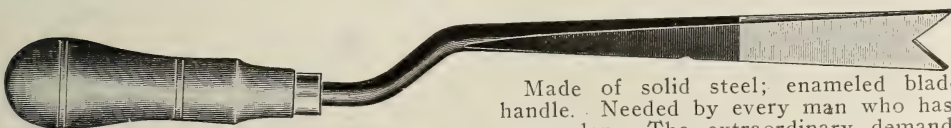
A fine Duster to apply Bug Death or any dry powder to plants. Price, 25c.



EUREKA CORN KNIFE.

A Corn Cutter forged under the hammer from a solid piece of steel. Hardened in oil and tempered in metal bath. Price, 50 cents.

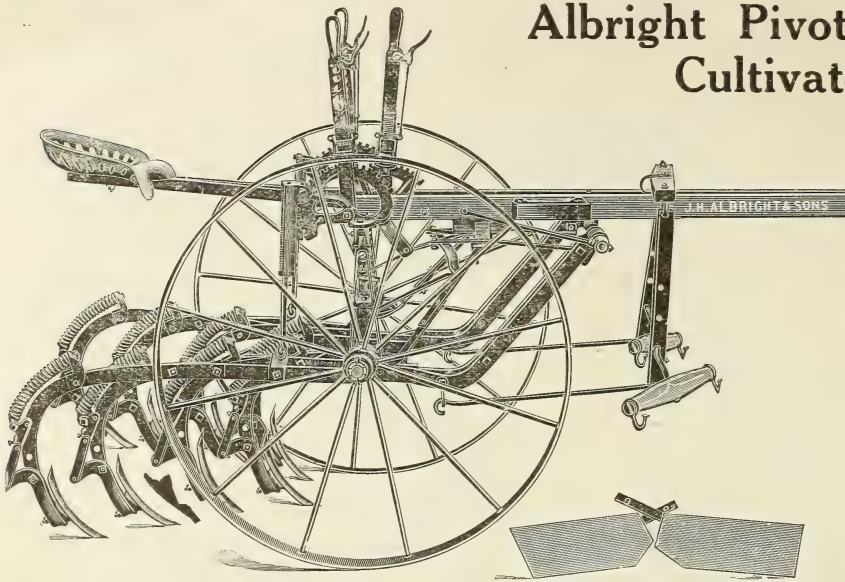
Weed Digger and Asparagus Knife



Made of solid steel; enameled blade; birch handle. Needed by every man who has a lawn or garden. The extraordinary demand proves that it is just what people want. Price, 35c.



Albright Pivoted Axle Cultivator

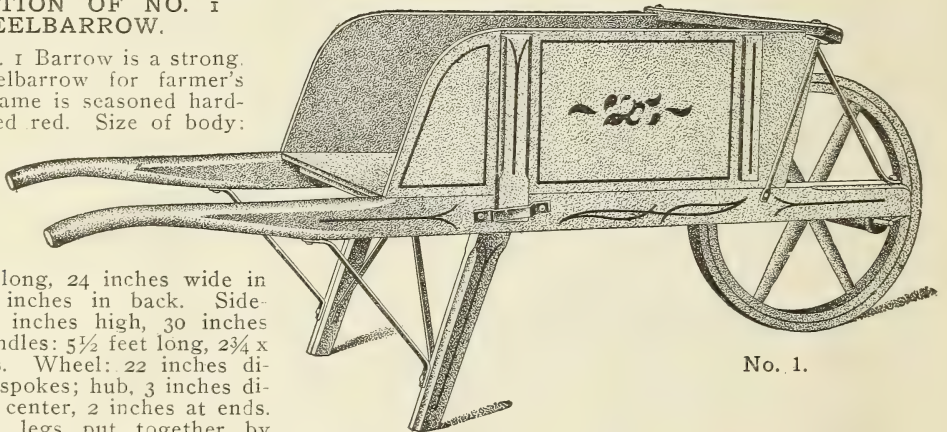


This Cultivator has been expressly designed for those who grow a variety of crops, planted in rows of various widths, such as Beans, Cabbage, etc., planted in rows 24 to 36 inches, and also Corn, Potatoes, etc., planted in rows 36 to 48 inches. This wide range of usefulness is made practical by the wide range of adjustment of the gauge and the construction of the gangs, which allows their use with from two to four shovels in each gang. The gangs have parallel movement, a modern feature of great value. Price, with Pin Hoe—8 shovels, \$29.00—Spring Hoe—8 shovels, \$33.00.

WHEEL BARROWS

DESCRIPTION OF NO. 1 WHEELBARROW.

Buch's No. 1 Barrow is a strong, roomy wheelbarrow for farmer's use. The frame is seasoned hardwood, painted red. Size of body:



No. 1.

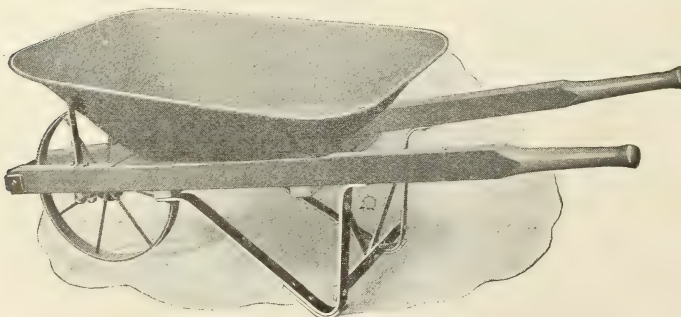
30 inches long, 24 inches wide in front, 25 inches in back. Sideboard: 12 inches high, 30 inches long. Handles: 5½ feet long, 2¾ x 1¾ inches. Wheel: 22 inches diameter, 6 spokes; hub, 3 inches diameter in center, 2 inches at ends. Back and legs put together by joint bolts. Shipped knocked down.

Price, \$4.50.

No. 3 Garden Barrow

This is a very neat, well-constructed Barrow, medium sized, for general purposes. Size of body, 26 inches long, 19 inches wide front 22 inches wide back. Sideboards: 27 inches long, 12 inches high. Handles: 4 feet 9 inches long, 2 x 1½ inches. Wheel: 20 inches diameter; 6 spokes.

Price, \$3.50.



No. 17.

TUBULAR FRAME STEEL TRAY BARROW.

Capacity, 3 cubic feet; length on top, 33 inches; width on top, 28 inches; depth in front, 8 inches; depth in rear 5 inches. Gauge of steel, 16 inches; wheel, 17 inches; weight, 75 pounds. Price, \$5.75.

BUCH'S "KEYSTONE" STEEL TRAY BARROWS.

No. 17 Barrow with Steel Wheel

This Barrow is made with a deep front to prevent the load from spilling when wheeling. It is designed for use as Manure Mortar, Sand, Fertilizer and Wharf Barrow.

No. 15 gauge pressed steel tray, 16-inch steel wheel.

No. 17: Length on top, 38 inches; width on top, 28½ inches; depth at wheel, 15½ inches; depth at handle, 7½ inches; greatest length, 65 inches; greatest height, 20½ inches; capacity, 4 cubic feet; weight, 61 pounds.

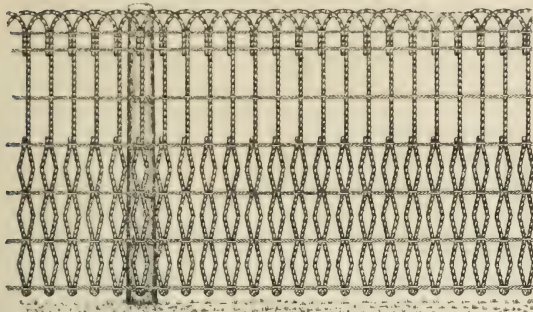
Price, \$4.50.



HIGHEST GRADE
OBTAINABLE

PAGE LAWN, POULTRY AND FIELD FENCE

UNIFORM AND
HEAVILY GALVANIZED



STYLE J. W. P. FABRIC.
For Lawns or Gardens.

The J. W. P. Lawn Fence combines the beauty of a crimped picket and curved top together with a close mesh at the bottom, made by means of special shaped pickets, as shown in cut.

This fence is made with 3 in. mesh at the top, with the three bottom spaces split as shown in illustration, thus providing our trade with a fence close enough at the bottom to turn chickens, and a design that will appeal to fence users because of its exceptional beauty.

Only the best grade of GALVANIZED wire is used, but in order to insure the longest life possible as well as add to the appearance of the fabric, we cover same with a coat of white paint.

SPECIFICATIONS—WIRE. First grade galvanized No. 9 Crimped uprights. No. 12½ gauge cabled horizontals.

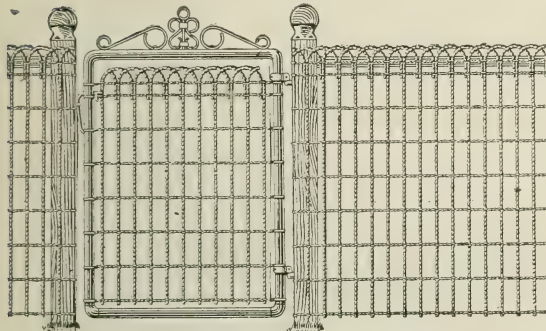
PRICE LIST OF J. W. P. FABRIC.

Height	36 in.	42 in.	48 in.	54 in.	60 in.
Style J. W. P.	20c.	22c.	25c.	28c.	32c.
Single Gates	3 ft. x 3 ft., \$5.30.				
Gates, 45 per cent discount from list prices.	Fabric per running foot, less than 100 feet, 45 per cent discount off list prices.				

ECONOMY FABRIC ON WOOD POSTS WITH WOOD RAIL.

This fabric is frequently used without rail, the double-strength top acting as a guard where strength is most needed. Made all heights, from 24 inches up to 118 inches, and in two meshes, 3 and 2¼ inches between pickets.

There is no longer an excuse for using cheap-looking field fence in front of or around residences, where at a slight additional expense an economy fabric can be used with the same posts and improve the surroundings more than ten times what any other improvement would do we could mention.



PRICE LIST OF ECONOMY FABRIC.

Height	36 in.	42 in.	48 in.	54 in.	60 in.
Style ECONOMY	18c.	20c.	22c.	25c.	28c.
Single Gates	3 ft. x 3 ft., \$5.30.				
Gates, 45 per cent discount from list prices.	Fabric per running foot, less than 100 feet, 45 per cent discount off list prices.				

PAGE LION POULTRY FENCE

This Fence is strong and substantial, sufficiently close spaced to answer every demand of the Poultryman, and fully stout enough to protect yards against domestic stock. The first four lower wires are spaced 1½ inches, the next four wires 2 inches; then the next wires 2½ in., 3, 3½, 4, 4½ and the balance 5 inches apart.

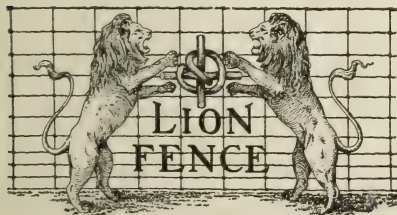
SPECIFICATIONS.

Styles by Name.	Top and Bottom.	All Grade Wires.	No. of Wires.	Height by Inches.	Price by Rod.
P-1848-32.....	11	14	18	48	45c.
P-2058-32.....	11	14	20	58	50c.
P-2373-32.....	11	14	23	73	60c.

PAGE WOVEN WIRE FENCE

HOG, SHEEP, DAIRY AND
GENERAL STOCK FENCES.

LION.



Among the "staple" fences, so called, we believe the LION is rightly named.

This King of Staple Fences is the staple fence that is sure to please you, because:

Every wire from top to bottom—and from end to end—line wires, cross wires and locks—is of a superior quality of Basic Open Hearth steel, heavily galvanized, and an examination of the tie will impress any farmer with its superior features. Firm but not rigid, simple but strong, we believe it is the smoothest, safest and surest staple tie on the market. It will not slide, slip, fall off or injure stock.

The Lion can be erected with any good fence-stretching outfit, adapts itself to the lay of the land, and will outwear any other staple fence on the market.

GATES.—WIRE GATES of our regular patterns, both double and single, can be secured for use with Lion Fences.

BARB WIRE, TWISTED TWO-STRAND WIRE, PLAIN GALVANIZED WIRE. PRICES ON APPLICATION.

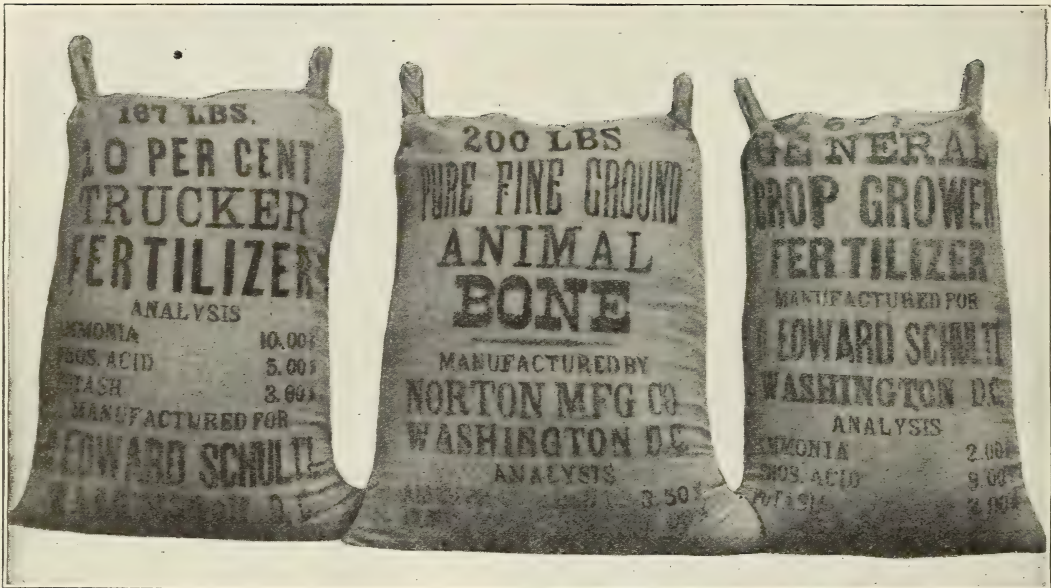


FERTILIZERS

For the Farm, Lawn, Garden and Greenhouse

THe brands of Fertilizer which we offer are prepared according to formulas which have been carefully studied out, and we feel confident that in them are incorporated those elements best suited for the crops for which they are recommended. Our customers can rest assured that when they buy Fertilizer from us they receive goods that are carefully compounded from the best ingredients and which will give splendid results. We solicit a trial order in this department, and are satisfied that after using our Fertilizers you will have no hesitancy in testifying to their excellence.

I Keep Only the Highest Grades



GENERAL CROP GROWER.

Analysis: Ammonia, 2 per cent; Phosphoric Acid, 8 per cent; Potash, 2 per cent.

This brand is intended as a general crop grower, and will be found equal in quality to any of the brands of this grade on the market. It contains all of the necessary elements, properly combined, and in an available form to the plant from start to finish. It has become the favorite of all who have tried it. Recommended for wheat and grass also. Price per sack of 167 lbs., \$2.00; per ton, \$22.00.

TRUCK GROWER.

Analysis: Ammonia, 4 per cent; Phosphoric Acid, 8 per cent; Potash, 4 per cent.

This brand has been used largely by the most successful truckers and is prepared especially for early vegetables. In its composition our aim has been to furnish the ammonia in such a form as will give the crop a quick start and keep it growing. We can give the assurance to all truck growers that this brand will meet every requirement. Price per sack of 167 lbs., \$2.75; per ton, \$30.00.

HIGH GRADE POTATO.

Analysis: Ammonia, 3 per cent; Phosphoric Acid, 8 per cent; Potash, 5 per cent.

This brand of goods possesses all the valuable elements of a high-grade Potato Fertilizer. It can be used on all Potato crops with good results. All we ask is a trial alongside of anything on the market, and it will come out as its name implies, "High Grade Potato." Price per sack of 167 lbs., \$2.50; per ton, \$28.00.

SEVEN PER CENT TRUCKER.

Analysis: Ammonia, 7 per cent; Phosphoric Acid, 6 per cent; Potash, 5 per cent.

This Fertilizer is specially prepared and highly recommended for all vegetable crops. It gives most excellent results on Peas, Beans, Potatoes, Cabbage and Tomatoes. Price, per sack of 167 lbs., \$3.50; per ton, \$38.00.

TEN PER CENT TRUCKER.

Analysis: Ammonia, 10 per cent; Phosphoric Acid, 5 per cent; Potash, 3 per cent.

The highest grade manufactured. Very quick-acting Fertilizer for plant beds. Matures crops at the earliest date. Price per sack of 167 lbs., \$3.75; per ton, \$44.00.

FINE GROUND RAW BONE MEAL.

Analysis: Ammonia, 2.50 to 3.50 per cent; Phosphoric Acid, 24 per cent; Bone Phosphate, 40 to 45 per cent.

All intelligent farmers realize the value of this Fertilizer. Our Bone Meal is ground by improved machinery to a fine condition without any admixture or treatment with any dryer. Strictly pure. Price per sack of 200 lbs., \$3.00; per ton, \$28.00.



FERTILIZERS — *Continued*

Mapes' Complete Manures

CHOICEST FORMS PLANT FOOD KNOWN.

NO SOUTH CAROLINA ROCK USED.

BASIS BONE, PERUVIAN GUANO, BLOOD, NITRATE AND CARBONATE OF POTASH

We are now offering for sale the Mapes' Manures, which strictly high-grade goods represent the highest standard and choicest forms of plant food known. The merits of these fertilizers has gained the most enviable reputation for improvement of quality in crops, as well as quantity of yield, and the best recommendation is the fact that the oldest customers are the best. It will be found that these Manures are especially adapted to fruit and truck crops.

We have no hesitation in recommending to our friends that they will this year give these goods a trial, and be sure to send for a special descriptive pamphlet, if not already supplied with one.

Mapes' Vegetable Manure

or Complete Manure for Light Soil

SUPERIOR TO PERUVIAN GUANO FOR QUICK RESULTS AND LASTING BENEFITS.

Analysis: Ammonia, 6 to 8 per cent; phosphoric acid, available, 6 to 8 per cent; soluble potash, 6 to 8 per cent.; all as high-grade sulphate and in forms free from muriates (or chlorides).

A strictly high-grade fertilizer, especially adapted for use by truck growers and on all classes of soil, with or without stable manure, for vegetables, insuring quick growth, tenderness, productiveness, fine flavor, nutritious quality and early maturity—one to two weeks earlier than by usual methods. It is especially recommended for and is largely used by our leading truckers upon the following crops: Radishes, lettuce, beets, onions, peas, snap beans, tomatoes, cucumbers, pepper, spinach, early and late cabbage, eggplant, early turnips, melons, squashes and asparagus beds.

This fertilizer is also, from the nature of its analysis and constituents, a complete manure for light soils, and on this class of soils it will give the most excellent results on all farm crops, including corn, grass and grain crops. Bag of 100 lbs., \$2.50; bag of 200 lbs., \$4.75; ton, \$45.00.

Mapes' Economical Potato Manure

SUPERIOR TO STABLE MANURE FOR POTATOES.

Analysis: Ammonia 4 to 5 per cent; phosphoric acid, 6 to 8 per cent (soluble and available, 4 to 5 per cent); soluble potash (actual), 8 to 10 per cent (Potash in the form of high-grade sulphate and free from muriates and chlorides.)

This is far superior to stable manure for this crop. Produces better and smoother potatoes, and makes a much larger yield. It is especially prepared and recommended for both Irish and sweet potatoes, and also gives excellent results on asparagus, beets and other root crops, and is also well adapted and gives the most satisfactory results on strawberries, raspberries and all small fruits. Use 300 to 400 pounds per acre in drill for Irish potatoes, or 500 to 1,000 pounds broadcast; for sweet potatoes, 200 to 300 pounds per acre in drill. Bag of 100 lbs., \$2.25; bag of 200 lbs., \$4.25; ton, \$40.00.

Schultz's Lawn Enricher

A splendid fertilizer to keep lawns vigorous and in a green, growing condition all through the year. One of the principal drawbacks in obtaining and keeping satisfactory lawns is in the fact that nutriment gets exhausted from the surface soil, thus impoverishing the roots of the grass and causing it to die. An application of Lawn enricher in the spring and fall will help the grass wonderfully. It is also a good plan to apply it during rainy spells in the summer. The Lawn Enricher is practically odorless and composed of fertilizing ingredients which, from practical experience, have given the very best results, not only to invigorate the lawn, but to conserve the moisture in the soil, so as to make the grass stand hot, dry weather better. The Lawn Enricher is a complete lawn and grass fertilizer, and the best that can be used, both for top dressing and when putting down new lawns.

Directions for Using.—In applying this fertilizer, scatter as evenly as possible over the surface. It can be applied to lawns at any time except during droughts, but the best results can be obtained by using it during the months of September and October and the early spring. For making new lawns it should be applied at the rate of 25 pounds for 1,200 square feet, or at the rate of 800 pounds per acre. As a top dressing for old lawns, use from 400 to 500 pounds per acre; or for small yards, 6 pounds to each 300 square feet. Price: 5-lb. pkg., 25c.; 10-lb. pkg., 40c.; 25-lb. bag, 90c.; 100-lb. bag, \$3.00; ton, \$48.00.

Fertilizing Materials

We call special attention to the fact that we keep on hand and are prepared to furnish at all times every kind of material used in the manufacture of fertilizers, such as—

NITRATE OF SODA.—A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 200 pounds per acre should be sown, mixed with wood ashes or land plaster. Nitrate of Soda does not exhaust the land.

MURIATE OF POTASH.—80 per cent pure; equivalent to 48 to 50 per cent actual Potash. A high-grade fertilizer, and one of the best orchard fertilizers known; used largely in Peach cultivation and as a general fertilizer. Muriate of Potash and Ground Bone stands as a leader.

KAINIT.—(German Potash Salt.)—Analysis: 12 per cent actual potash. One of the most useful ingredients for making "Commercial" fertilizers. For using alone, apply at the rate of 1,000 pounds per acre.

SULPHATE OF POTASH.—A desirable form of potash to be used on all crops, but especially tobacco, potatoes, sugar beets, cabbage or cauliflower. Use 50 to 400 pounds per acre.

HIGH-GRADE ACID PHOSPHATE.—(South Carolina Rock.)—We advise the use of bone fertilizers, but there are a great many farmers who use Acid Phosphate for grain and get good results. Analysis: Available Phosphoric Acid, 14 per cent.

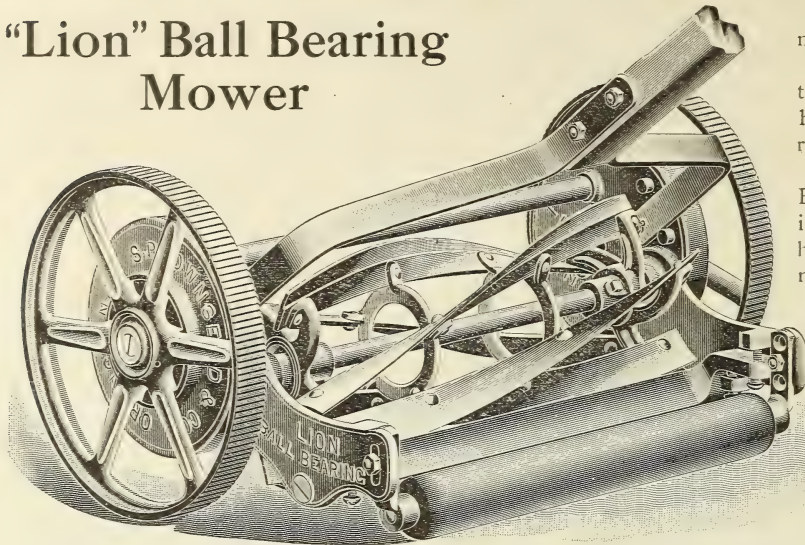
LAND PLASTER.—Excellent for composting, fertilizing or mixing with guano.

GROUND ANIMAL TANKAGE.—Contains about 8 per cent of ammonia, and will be found a useful and important ingredient for making a complete fertilizer for all crops.



HAND AND HORSE LAWN MOWERS

"Lion" Ball Bearing Mower



Is strong, powerful, magnificent.

REEL— $5\frac{1}{4}$ inch diameter; hence it cuts tall, heavy grass with wondrous ease and majesty

FIVE WIDE BLADES—Wider by $\frac{3}{4}$ inch than any other; hence a stronger and more rigid reel, and one admitting of much grinding before the blade becomes thick.

We guarantee the LION to do a greater variety of work and do it easier than any ball-bearing Mower on the market.

EASIEST WORKING. FINEST FINISHED. LONGEST LASTING.
Price, 16-inch, \$9.50. 18-inch, \$10.50.

Townsend's "Spider" Mower (Ball Bearing)

The Spider Mower is light and strong, and glides over the lawn lightly, easily and almost noiselessly, reminding you strongly as it nips off the grass of the vigorous action of the ferocious and cunning little insect whose name it bears. Price, 16 inch, \$7.00.

Townsend's "FLYER" (Ball Bearing)

This is a strictly high-grade Ball-Bearing Lawn Mower, and we have no hesitation in recommending it. It is made of strictly first-grade material throughout. Price, 14-inch, \$5.50.

Coldwell's Columbia Mower (Plain Bearing)

Is the Best Medium Mower Made. 14-Inch, \$3.00.

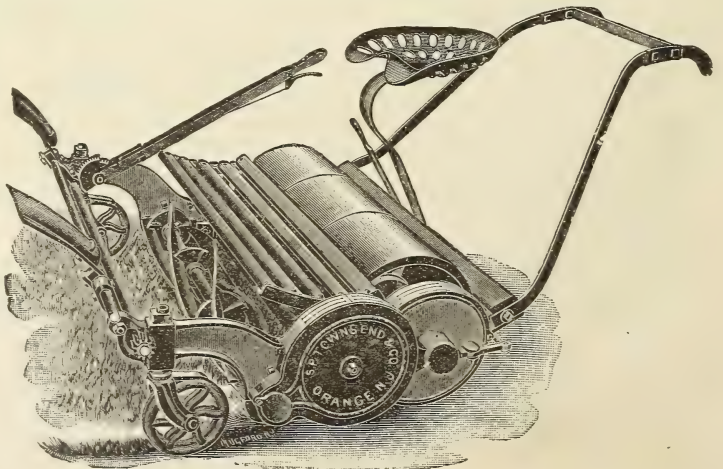
The EASY GRASS CATCHER—Fits Any Mower


There always have been makes of Mowers on the market that could not be properly fitted with a grass catcher. The Easy is designed to fit any size or style of mower, and can be attached or detached in a moment. Made of sheet-iron bottom and canvas sides. Price, 12 to 16-inch size, \$1.50; 19 to 21 inch, \$1.65.

The Townsend Triple Ratchet Horse Lawn Mower

It is made very strong and powerful, of the very best materials, and finished in the most perfect manner.

It will cut over very rough and uneven ground and stand very rough usage, and still will get down into the turf and cut its swarth clean, easily and smoothly. It is on that account very popular with golf clubs and cemeteries. Write for circulars giving full information. 30-inch width of cut, complete, \$65.00; 35-inch, complete, \$75.00; 38-inch, complete, \$80.00.



 Please notice that we deliver free to any Post Office in the United States, Vegetable and Flower Seeds offered in this catalog by the packet, ounce and quarter pound. On Peas, Beans and Corn and all other Seeds add at the rate of 8 cents per pound if wanted by mail. Poultry Supplies, Grass Seeds, Farm Seeds, Potatoes, Implements, Insecticides, etc., go by Freight or Express at purchaser's expense.



Seeds, Poultry Supplies

304 TENTH STREET *through to* 1005 C STREET N.
WASHINGTON, D. C.

State on this line whether wanted by Mail, Express or Freight.

Your Name

P. O. Box, Street or Rural Delivery

Post Office

County

State

Station or Express Office

(Only if different from P. O.)

Amount Enclosed, \$

Superintendent or Gardener

(That we may enter his name for Catalogues.)

Date _____

1

☞ While we exercise the greatest care to have all seeds pure and reliable, we sell no seeds with warranty express or implied as to description, quality, product or any other matter of any seeds, bulbs, or plants, we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds these terms they are at once to be returned.—G. EDWARD SCHULTZ & CO.

[illegible]



Schultz's White House Lawn Grass Mixture

Free from Chaff, Weed and Foreign Matter. Solid, Clean Seed Only.

"SCHULTZ'S WHITE HOUSE" LAWN GRASS is a mixture of the finest American and European grasses adapted to lawn-making. The formula for this mixture is the result of life-time practical experience in making and maintaining lawns. Neither pains nor expense are spared in obtaining grasses of high vitality and purity. It is our constant aim to make "White House" Lawn Grass the best, purest and most permanent Lawn Grass sold.

One quart will sow 300 square feet. Price per quart, 25 cents.

Two quarts will sow 600 square feet. Price, 45 cents.

Four quarts will sow 1200 square feet. Price, 75 cents.

One peck will sow 2400 square feet. Price, \$1.25.

One bushel (14 lbs.) will sow 5600 square feet. Price, \$3.25.

"SCHULTZ'S WHITE HOUSE" LAWN GRASS SEED produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, deep and elastic turf, and it is often ready for cutting in four weeks from time of sowing. This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils, and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained from snow to snow, year after year, and without burning brown in Summer.

Judge ASHLEY M. GOULD, of the Supreme Court of the D. C., writes—January 4th:

"Referring to the 'White House' Lawn Grass Mixture, which I purchased from you last Spring, I have to say that I used this seed on a large lawn on my place in the country and secured from it most excellent results. The ground was rough and by no means rich, but I secured an excellent sod covered with thrifty grass. I have tried many mixtures of Grass Seed heretofore, but found none as satisfactory as yours."

**SPECIAL
LAWN CIR-
CULAR, telling
"How to make
and keep a
beautiful
lawn," free
on request**

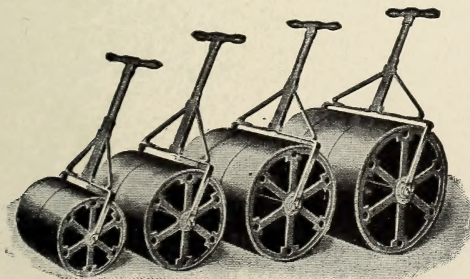
SCHULTZ'S GRASS SEED MIXTURE FOR SHADY PLACES

This is a mixture of extra fine grasses adapted for growing in the shade and under trees. We recommend the use of this mixture wherever other grasses, on account of shade, have failed to make a close sward. **Quart, 30 cents; 2 quarts, 50 cents; 4 quarts, \$1.00; 1 peck, \$1.50; 1 bushel (14 lbs.), \$3.75.**

SCHULTZ'S "TERRACE" LAWN GRASS SEED

FOR TERRACES, EMBANKMENTS AND HILLSIDES

A special mixture of grasses best suited for sowing on terraces, embankments and hillsides; grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for, though strong-rooted, the grasses are equally as fine-leaved as those used in the "White House" Lawn Grass Mixture. **Quart, 30 cents; 2 quarts, 50 cents; 4 quarts, \$1.00; 1 peck, \$1.50; bushel (14 lbs.), \$3.75.**



LAWN ROLLERS

THE USE OF A ROLLER ON LAWNS

The benefit derived from using a roller on the lawn, especially in the Spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if the sod is not firmly pressed back with a roller before hot weather, the grass is apt to be killed or injured, leaving the lawn full of bare spots.

Number	Diameter	Length	Sections	Weight	Price
301	15 in.	15	2	150	\$7.00
303	20 in.	16	2	225	10.00
304	20 in.	20	2	250	11.00
307	20 in.	24	2	300	13.00

SCHULTZ'S SEED STORE

304 TENTH ST. THROUGH TO 1005 C ST.

WASHINGTON, D. C.

SCHULTZ'S
WHITE HOUSE LAWN GRASS
MIXTURE